



STORM PRODUCT GUIDE



TABLE OF CONTENTS



SURVEILLANCE CAMERAS

SURVEILLANCE CAMERAS.....3



PLUG AND PLAY RECORDERS

PLUG AND PLAY RECORDERS.....16



ACCESSORIES

ACCESSORIES.....21



CAMERA AND RECORDER KITS

CAMERA AND RECORDER KITS.....26

SURVEILLANCE CAMERAS



STORM has an extensive array of powerful surveillance cameras.

With such a wide choice of amazing resolution, form factor and advanced Ai features, you can easily find the right fit for you.

NETWORK CAMERAS



LITE AI



LITE AI



LITE AI



LITE AI



LITE AI

Model	INSBO2IRF	INSDO2IRF	INSTO2IRF	INSDO4IRF/B	INSBO4IRF	
Image Sensor	1/2.8" 2 MP progressive scan CMOS low illuminance, high image definitio	1/2.8" 2 MP progressive scan CMOS low illuminance, high image definitio	1/2.7" 2 MP progressive CMOS low illuminance, high image definitio	1/3" 4 MP progressive scan CMOS low illuminance, high image definitio	1/3" 4 MP progressive scan CMOS low illuminance, high image definitio	
Effective Pixels	1920(H) x 1080(V)	1920(H) x 1080(V)	1920 (H) x 1080 (V)	2688 (H) x 1520 (V)	2688 (H) x 1520 (V)	
Minimum Illumination	0.005 Lux / F1.6 (Color); 0 Lux / F.1.6 (IR on)	0.005 Lux / F1.6 (Color); 0 Lux / F.1.6 (IR on)	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	0.005 Lux / F1.4 (Color); 0 Lux / F.1.4 (IR on)	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	
Maximum Length of IR LEDs	30m	30m	30m	50m	50m	
Day/Night	Auto (ICR) / Color / B/W	Auto(ICR) / Color / B/W	Auto(ICR) / Color / B/W	Auto(ICR) / Color / B/W	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	
Focal Length/Max. Aperture/ H.Angle	2.8 mm; F1.6 / H: 107° - V: 56°	2.8 mm; F1.6 / H: 108° - V: 56°	2.8 mm; F1.6 / H: 110° - V: 59°	2.8 mm; F1.4 / H: 107° - V: 56°	2.8 mm; F1.6 / H: 103° - V: 55°	
Pan / Tilt / Rotation	Pan: 0° ~ 360° ; Tilt: 0° ~ 90° Rotation: 0° ~ 360°	Pan: 0° ~ 355°; Tilt: 0° ~ 65° Rotation: 0° ~ 355°	Pan: 0°~ 360°; Tilt: 0°~ 78°; Rotation: 0°~ 360°	Pan: 0° ~ 355°; Tilt: 0° ~ 65°; Rotation: 0° ~ 355°	Pan: 0° ~ 360°; Tilt: 0° ~ 90° Rotation: 0° ~ 3 60°	
Focus Control	Fixed	Fixed	Fixed	Fixed	Fixed	
Lens Type / Mount Type	Fixed-focal	Fixed-focal	Fixed-focal	Fixed-focal	Fixed focal	
DORI Distance	Detect	43.9 m (144.03 ft)	38.6m (126.64 ft)	37.3 m (122.38 ft)	63.6m (208.66 ft)	56.0m (183.7 ft)
	Observe	17.5m (57.41 ft)	15.4m (50.52 ft)	14.9 m (48.88 ft)	25.4m (83.3 ft)	22.4m (73.5 ft)
	Recognize	8.8m (28.87 ft)	7.7m (25.26 ft)	7.5 m (24.61 ft)	12.7m (41.7 ft)	11.2m (36.8 ft)
	Identify	4.4m (14.44 ft)	3.9m (12.80 ft)	3.7 m (12.14 ft)	6.4m (21.0 ft)	5.6m (18.4 ft)
Compression	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	
Frame Rate	Main Stream	1920 x 1080 (1 - 25/30 fps)	1920 x 1080 (1 - 25/30 fps)	1920 x 1080 (1 - 25/30 fps)	2688 x 1520 (1 - 25/30 fps)	2688 x 1520 (1 - 25/30 fps)
	Sub Stream	704 x 576 (1 - 25 fps)	704 x 576 (1 - 25 fps); 704 x 480 (1 - 30 fps)	704 x 576 (1 - 25fps); 704 x 480 (1 - 30fps)	704 x 576 (1 - 25 fps)	704 x 576 (1 - 25 fps)
	Third Stream	N/A	N/A	N/A	1280 x 720 (1 - 25/30 fps)	1280 x 720 (1 - 25/30 fps)
Bit Rate	H.264: 32 Kbps ~ 6144 Kbps H.265: 12 Kbps ~ 6144 Kbps	H.264: 32 kbps ~ 6144 kbps H.265: 12 kbps ~ 6144 kbps	H.264: 32 Kbps ~ 6144 Kbps H.265: 12 Kbps ~ 6144 Kbps	H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps	H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps	
Corridor Mode	Supported	Supported	N/A	Supported	Supported	
Built-in Microphone	N/A	N/A	Yes	N/A	Yes	
Memory Slot	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	
Smart Detection	Intelligent functions, T ripwire, Intrusion	Intelligent functions, T ripwire, Intrusion	Tripwire, Intrusion, Motion detection, Video tampering	Lite AI technology: Area Protector, Smart Motion Detection, Tripwire, Intrusion	Lite AI: Area Protector, Smart Motion Detection, Human and vehicle recognition	
Power Supply/Power Consumption	12V DC/PoE (802.3af); Less than 4. 7W	12V DC/PoE (802.3af); Less than 5.4W	12V DC/PoE (802.3af); Less than 5.9W	12V DC/PoE (802.3af); Less than 8.3W	DC12V, PoE (802.3af); Less than 8.3W	
Working Environment	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-40°C to +60°C and Less than 95%	-40°C to +60°C and Less than 95%	
Ingress Protection/Vandal Resistance	IP67; N/A	IP67, IK10	IP67; N/A	IP67; IK10	IP67; N/A	
Dimensions / Weight	166.2 mm x Φ70 mm (6.54" x Φ2.76") / 0.57 kg	Φ109.9 mm x 81 mm (Φ4.33" x 3.19") / 0.49 kg	100.9 mm x Φ109.9 mm (4.0" x Φ4.3")	Φ111.7 mm x 89.1 mm (3.51" x 4.40") / 0.67 kg	192.7mm x 70.5mm x 66.4mm / 0.78 kg	
Accessories	INSX134 (Junction Box), INSX152 (Pole Mount) INSX130 (Junction Box)	INSX136 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX200W (Rain Shade), INSX220C + INSX106 (Ceiling Mount)	INSX152 (Pole Mount), INSX130 (Junction Box), INSX203 (Wall Mount)	INSX136 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX200W (Rain Shade), INSX220C + INSX106 (Ceiling Mount)	INSX130 (Junction Box), INSX152 (Pole Mount)	



NETWORK CAMERAS



Model	INSXPH2F	INSXPH2F-LENS	INSXDO2IRWA	INSXBO2IRWA	INSXBO2IRW12X
Image Sensor	1/2.7" 2 MP STARVIS™ progressive scan CMOS	1/2.8" 2 MP progressive scan CMOS Starlight	1/2.8" 2 MP progressive scan CMOS Starlight	1/2.8" 2 MP progressive scan CMOS Starlight	1/2.8" 2 MP progressive scan CMOS Starlight
Effective Pixels	1920(H) x 1080(V)	1920(H) x 1080(V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920(H) x 1080(V)
Minimum Illumination	0.002 Lux / F1.6 (Color); 0.01 Lux / F1.6 (B/W)	0.005 Lux / F2.0 (Color); 0 Lux / F2.0 (IR on)	0.002 Lux / F1.5 (Color); 0 Lux / F1.5 (IR on)	0.002 Lux / F1.5 (Color); 0 Lux / F1.5 (IR on)	0.002 Lux / F1.4 (Color); 0 Lux / F1.5 (IR on)
Maximum Length of IR LEDs	N/A	N/A	40m	60m	180m
Day/Night	Electronic	Auto (ICR) / Color / B/W	Auto(ICR) / Color / B/W	Auto(ICR) / Color / B/W	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)
Focal Length/Max. Aperture/ H.Angle	2.8mm; F1.6 / H: 105° - V: 58°	2.8mm; F2.0 / H: 105° - V: 58°	2.7mm - 13.5mm; F1.5 / H: 108°-30°; V: 56°-17°	2.7 mm - 13.5 mm; F1.5 / H: 108°-30°; V: 56°-17°	5 mm - 60 mm; F1.4 / H: 58 ~ 4° - V: 34° ~ 2°
Pan / Tilt / Rotation	N/A	Pan: 0° ~ 355°; Tilt: 0° ~ 64°, Rotation: 0° ~ 355°	Pan: 0° ~ 355°; Tilt: 0° ~ 75°, Rotation: 0° ~ 355°	Pan: 0° ~ 360°; Tilt: 0° ~ 90°, Rotation: 0° ~ 360°	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotation: 0° ~ 360°
Focus Control	Fixed	Fixed	Fixed	Fixed	Motorized
Lens Type / Mount Type	Fixed / Board-in Type	Fixed / Board-in Type	Motorized vari-focal	Motorized vari-focal	Motorized / Board-in Type
DORI Distance	Detect	42m (138ft)	42m (138ft)	W: 44.1m - T: 144.8m	W: 73.1m - T: 882.7m
	Observe	17m (55ft)	17m (55ft)	W: 17.7m - T: 57.8m	W: 29.2m - T: 353.1m
	Recognize	8m (27ft)	8m (27ft)	W: 8.8m - T: 29.0m	W: 14.6m - T: 176.5m
	Identify	4m (14ft)	4m (14ft)	W: 4.4m - T: 14.5m	W: 7.3m - T: 88.2m
Compression	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.265 / H.264+ / H.264
Frame Rate	Main Stream	1080P (1 - 25/30fps)	1080P (1 - 25/30fps)	1920 x 1080 (1 - 25/30 fps)	1920 x 1080 (1 - 25/30fps)
	Sub Stream	D1 (1 - 25/30fps)	D1 (1 - 25/30fps)	704 x 576 (1 - 25 fps); 704 x 480 (1 - 30 fps)	704 x 576 (1 - 25 fps); 704 x 480 (1 - 30 fps)
	Third Stream	1080P (1 - 25/30fps)	1080P (1 - 25/30fps)	N/A	N/A
Bit Rate	H.264: 3Kbps ~ 20480Kbps H.265: 3Kbps ~ 20480Kbps	H.264: 3Kbps ~ 20480Kbps H.265: 3Kbps ~ 20480Kbps	H.264: 32 kbps ~ 6144 kbps H.265: 12 kbps ~ 6144 kbps	H.264: 32 kbps ~ 6144 kbps H.265: 12 kbps ~ 6144 kbps	H.264: 24 ~ 8192 Kbps H.265: 14 ~ 8192 Kbps
Corridor Mode	Supported	Supported	Supported	Supported	Supported
Audio in/out	1/1 channel In/Out	1/1 channel In/Out	N/A	N/A	1/1 channel In/Out (RCA port)
Alarm in/out	2 ch In: 5mA 5VDC; 2 ch Out: 1A 30VDC / 0.5A 50VAC	2 ch In: 5mA 5VDC; 2 ch Out: 1A 30VDC / 0.5A 50VAC	N/A	N/A	2 channel In: 5 mA 3- 5 VDC; 1 channel Out: 300mA 12VDC
Memory Slot	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB
Smart Detection	Area Protector, Abandoned/Missing Object, Face Detection	Tripwire, Intrusion, Abandoned/Missing Object, Face Detection	Tripwire, Intrusion	Tripwire, Intrusion	Tripwire, Intrusion, Vehicle detection, human detection, Area Protector, Loitering, Smart Motion Detection
Power Supply / Power Consumption	DC12V, PoE (802.3af); Less than 4.5W	DC12V, PoE (802.3af)(Class 0); Less than 5W	12V DC/PoE (802.3af); Less than 6.4W	12V DC/PoE (802.3af); Less than 9.8W	12 VDC (±30%); PoE (802.3af); ePoE; Less than 10.3W
Working Environment	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 90% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +50°C and less than 95% RH
Ingress Protection / Vandal Resistance	N/A; N/A	N/A; N/A	IP67; IK10	IP67; IK10 (optional)	IP67; IK10
Dimensions / Weight	Φ 30.5mm x 55.4mm (Φ1.20"x2.18") / 0.55 kg	Φ 30.5mm x 48.65mm (Φ1.20"x1.92") / 0.5 kg	Φ122 mm x 88.9 mm (Φ4.80"x3.50") / 0.63 kg	244.1 mm x Φ90.4 mm (9.61"xΦ3.26") / 1.13 kg	273.2mm x 95.0mm x 95.0mm (10.76"x3.74"x3.74") / 1.5 kg
Accessories	N/A	N/A	INSX137 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX200W (Rain Shade), INSX106 + INSX220C (Ceiling mount), INSX200C (In-Ceiling mount)	INSX130 (Junction Box), INSX152 (Pole Mount)	INSX121 (Junction Box), INSX152 (Pole Mount)



NETWORK CAMERAS



LITEAI



LITEAI



LITEAI



LITEAI



LITEAI

Model	INSTO4IRWF/B	INSWDO4IRWF S4	INSDO4IRWSA S4	INSTO4IRWA S4	INSBO4IRWA S4
Image Sensor	1/3" 4 MP progressive CMOS low illuminance high image definitio	1/3" 4 MP progressive scan CMOS Starlight	1/2.9" 4 MP progressive scan CMOS	1/2.9" 4 MP progressive scan CMOS low illuminance, high image definition	1/3" 4 MP progressive CMOS; low illuminance, high image definitio
Effective Pixels	2688 (H) × 1520 (V)	2688(H) × 1520(V)	2688(H) × 1520(V)	2688(H) × 1520(V)	2688 (H) × 1520 (V)
Minimum Illumination	0.005 Lux / F1.4 (Color); 0 Lux / F1.4 (IR On)	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR On)	0.005 Lux / F1.5 (Color); 0 Lux / F1.5 (IR On)	0.008 Lux / F1.5 (Color); 0 Lux / F1.5 (IR on)	0.005 Lux / F1.5 (Color); 0 Lux / F1.5 (IR on)
Maximum Length of IR LEDs	50m	30m	40m	40m	60m
Backlight Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)
Focal Length/Max. Aperture/H.Angle	2.8 mm; F1.4 / H: 102° - V: 54°	2.8 mm; F1.6 / H: 103° - V: 55°	2.7mm - 13.5mm; F1.5 / H: 104°-27°; V: 54°-16°	2.7mm - 13.5mm Autofocus; F1.5 / H: 104°-29°; V: 54°-16°	2.7 mm - 13.5 mm Autofocus; F1.5 / H: 104°-27°; V: 55°-15°
Pan / Tilt / Rotation	Pan: 0° ~ 360°; Tilt: 0° ~ 78°; Rotation: 0° ~ 360°	Pan: -30° ~ 30° ;Tilt: 0° ~ 80°, Rotation: 0° ~ 360°	Pan: 0° ~ 355°; Tilt: 0° ~ 80°, Rotation: 0° ~ 355°	Pan: 0° ~ 360°; Tilt: 0° ~ 78° Rotation: 0° ~ 360°	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotation: 0° ~ 360°
Focus Control	Fixed	Fixed	Motorized	Motorized	Motorized
Lens Type / Mount Type	Fixed	Fixed focal	Motorized	Motorized vari-focal	Motorized vari-focal
DORI Distance	Detect	63.6 m (208.7 ft)	56.0m (183.7 ft)	W: 64m - T: 210m	W: 64m - T: 210.0m
	Observe	25.4 m (83.3 ft)	22.4m (73.5 ft)	W: 25.6m - T: 84.0m	W: 25.6m - T: 84.0m
	Recognize	12.7 m (41.7 ft)	11.2m (36.8 ft)	W: 12.8m - T: 44.4m	W: 12.8m - T: 42.0m
	Identify	6.4 m (21.0 ft)	5.6m (18.4 ft)	W: 6.4m - T: 21.0m	W: 6.4m - T: 21.0m
Compression	H.265+ / H.264+ / H.265 / H.264	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+
Frame Rate	Main Stream	2688 × 1520 (1-25/30 fps)	2688 × 1520 (1-25/30 fps)	2688 × 1520 (1-25/30 fps)	2688 × 1520 (1-25/30 fps)
	Sub Stream	704 × 576 (1-25 fps) / 704 × 480 (1-30 fps)	704 × 576 (1-25 fps) / 704 × 480 (1-30 fps)	704 × 576 (1-25 fps) / 704 × 480 (1-30 fps)	704 × 576 (1-25 fps) / 704 × 480 (1-30 fps)
	Third Stream	1280 × 720 (1-25/30 fps)	1280 × 720 (1-25/30 fps)	1280 × 720 (1-25/30 fps)	1280 × 720 (1-25/30 fps)
Bit Rate	H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps	H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps	H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps	H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps	H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps
Corridor Mode	N/A	Supported	Supported	Supported	Supported
Built-in Microphone	Yes	Yes	N/A	Yes	N/A
Alarm in/out	N/A	N/A	N/A	N/A	N/A
Memory Slot	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB
Smart Detection	Lite AI: Area Protector, Smart Motion Detection, Tripwire, Intrusion, Human and vehicle recognition	Lite AI: Area Protector, Smart Motion Detection, Tripwire, Intrusion, Human and vehicle recognition	Lite AI: Area Protector, Smart Motion Detection, Tripwire, Intrusion, Human and vehicle recognition	Lite AI: Area Protector, Smart Motion Detection, Tripwire, Intrusion, Human and vehicle recognition	Lite AI: Area Protector, Smart Motion Detection, Tripwire, Intrusion, Human and vehicle recognition
Power Supply /Power Consumption	12V DC/PoE (802.3af); Less than 7.9W	12V DC/PoE (802.3af); Less than 5.7W	12V DC/PoE (802.3af); Less than 9.2W	12V DC/PoE (802.3af) (Class 0); Less than 7.3W	12V DC/PoE (802.3af); Less than 9.8W
Working Environment	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH
Ingress Protection / Vandal Resistance	IP67; N/A	IP67; IK10	IP67; IK10	IP67; N/A	IP67; N/A
Dimensions / Weight	93.6 mm × Φ106.0 mm (3.69" × Φ4.17")	55 mm × Φ108.9 mm (2.2" × Φ4.3") / 0.52 kg	Φ122 mm × 94.0 mm (Φ3.7" × 4.8") / 0.99 kg	108.3 mm × Φ122 mm (4.3" × Φ4.8") / 0.69 kg	244.1mm × 79mm × 75.9mm (9.61" × 3.11" × 2.99") / 1.09 kg
Accessories	INSX152 (Pole Mount), INSX130 (Junction Box), INSX204 (Wall Mount), INSX151 (Corner Mount) INSX106 + INSX220C (Ceiling Mount)	INSX139 (Junction Box), INSX204 (Wall Mount), INSX152 (Pole Mount), INSX106 + INSX220C (Ceiling Mount)	INSX137 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX200W (Rain Shade) INSX106 + INSX220C (Ceiling Mount)	INSX130 (Junction Mount), INSX205W (Wall Mount), INSX220C (Ceiling Mount), INSX106 (Mount Adapter), INSX152 (Pole Mount)	INSX130 (Junction Mount), INSX152 (Pole Mount)



NETWORK CAMERAS



LITEAI



LITEAI



LITEAI

Model		INSD05IRHEM	INSD08IRHEM	INSD012IRHEM
Image Sensor		1/2.7" 5 MP progressive CMOS low illuminance high image definitio	1/1.7" 8 MP progressive CMOS low illuminance high image definitio	1/1.7" 12 MP progressive CMOS low illuminance high image definitio
Effective Pixels		2592 (H) × 1944 (V)	3280 (H) × 2480 (V)	4000 (H) × 3000 (V)
Minimum Illumination		0.006 Lux / F2.0 (Color); 0 Lux / F2.0 (IR On)	0.001 Lux / F2.0 (Color); 0 Lux / F2.0 (IR on)	0.01 Lux / F2.0 (Color); 0 Lux / F2.0 (IR on)
Maximum Length of IR LEDs		10m	10m	10m
Backlight Compensation		BLC / HLC / WDR (120dB)	BLC / HLC / DWDR	BLC / HLC / DWDR
Focal Length / Max. Aperture/ H.Angle		1.4 mm; F2.0 / H: 180° - V: 180°	1.29mm ; F2.0 / H: 185° - V: 180°	1.85mm; F2.0 / H: 185° - V: 180°
Focus Control		Fixed	Fixed	Fixed
Lens Type / Mount Type		Fixed	Fixed lens / Board-in Type	Fixed lens / Board-in Type
DORI Distance	Detect	28 m (91.9 ft)	27.9 m (91.5 ft)	40m (131.3ft)
	Observe	11.2 m (36.7 ft)	11.2 m (36.7 ft)	16m (52.6ft)
	Recognize	5.6 m (18.4 ft)	5.6 m (18.4 ft)	8m (26.3ft)
	Identify	2.8 m (9.2 ft)	2.8 m (9.2 ft)	4m (13.1ft)
Compression		H.265+ / H.264+ / H.265 / H.264	H.265+ / H.264+ / H.265 / H.264	H.265+ / H.264+ / H.265 / H.264
Frame Rate	Main Stream	2592 x 1944 (1–25/30 fps)	3280 × 2480 (1–25/30 fps)	4000 × 3000 (1 - 25fps)
	Sub Stream	704 × 576 (1–25 fps) / 704 × 480 (1–30 fps)	704 × 576 (1–25/30 fps)	704 × 576 (1 - 25/30fps)
	Third Stream	1280 × 720 (1–25/30 fps)	1280 × 960 (1–25/30 fps)	1280 × 960 (1–17 fps)
Bit Rate		H.264: 3 Kbps ~ 8192 Kbps H.265: 3 Kbps ~ 8192 Kbps	H264: 8 kbps ~ 16384 kbps H265: 3 kbps ~ 13891 kbps	H.264: 3K ~ 8192Kbps H.265: 3K ~ 8192Kbps
Corridor Mode		N/A	N/A	N/A
Built-in Microphone		Yes	Yes	Yes
Audio in/out		1/1 channel In/Out (RCA port)	1/1 channel In/Out (RCA port)	1/1 channel In/Out (RCA port)
Alarm in/out		1 ch In: 5mA 5VDC 1 ch Out: 1A 30VDC	2 ch In: 5mA 3V–5 VDC 2 ch Out: 1,000mA 30 VDC/500mA 50 VDC	2 ch In: 5mA 3V–5 VDC 2 ch Out: 1,000mA 30 VDC/500mA 50 VDC
Memory Slot		Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB	Micro SD Card, Up to 256GB
Smart Detection		Lite AI: Area Protector, Smart Motion Detection, Tripwire, Intrusion, Human and v ehicle recognition	Lite AI: Area Protector, Smart Motion Detection, Intelligent Search and People Counting	Lite AI: Area Protector, Smart Motion Detection, Tripwire, Intrusion, Human and v ehicle recognition
Power Supply /Power Consumption		12V DC/PoE; Less than 8.8W	12 VDC/POE+ (802.3at); Less than 13.9W	12 VDC/PoE+; Less than 13.9W
Working Environment		-10°C to +50°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH
Ingress Protection / Vandal Resistance		N/A; N/A	IP67; IK10	IP67; IK10
Dimensions / Weight		44.6 mm × Φ126.2 mm (1.8" × Φ5.0") / 0.44 kg	59.8 mm × Φ149.8 mm (2.35" × Φ5.90") / 1.21kg	59.8 mm × Φ149.8 mm (2.35" × Φ5.90") / 1.21kg
Accessories		INSX152 (Pole Mount), INSX203 (Wall Mount)	INSX100 (Mount Adapter), INSX302 (Wall Mount), INSX132 (Junction Box), INSX300 (Ceiling Mount)	INSX100 (Mount Adapter), INSX302 (Wall Mount), INSX132 (Junction Mount), INSX300 (Ceiling Mount)



NETWORK CAMERAS



AI+



LITEAI



Model	INSMDO42IRWF	INSBO6180IRF	INSDO8180IRF	INSDO8360IRWA	
Image Sensor	Two 1/2.7" 4 MP progressive CMOS low illuminance high image definitio	Three 1/2.8" 2 MP STARVIS™ progressive scan CMOS	Four 1/2.8" 2 MP progressive CMOS low illuminance high image definitio	Four 1/2.8" 2 MP STARVIS™ progressive scan CMOS	
Effective Pixels	2560 (H) × 1440 (V)	4096(H) × 832(V)	4096(H) × 1800(V)	1920(H) × 1080(V)	
Minimum Illumination	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	0.007 Lux / F1.8 (Color), 0 Lux / F1.8 (IR on)	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	0.005 Lux / F1.8 (Color) 0 Lux / F1.8 (IR on)	
Maximum Length of IR LEDs	30m	30m	30m	30m	
Backlight Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / DWDR	BLC / HLC / WDR (140dB)	
Focal Length / Max. Aperture/ H.Angle	2.8mm; F1.6 / H: 95° - V: 52°	3.6mm; F1.8 / H: 180° - V: 44°	2.8mm; F1.6 / H: 180° - V: 90°	2.7mm - 12mm ; F1.8 / H: 105° - V: 54°	
Pan / Tilt / Rotation	Pan: 0° ~ 175°; Tilt: 0° ~ 65°, Rotation: 0° ~ 360°	Pan: 0° ~ 360°; Tilt: 0° ~ 90°, Rotation: 0° ~ 360°	Pan: 0° ~ 355°; Tilt: 0° ~ 75°, Rotation: ±20°	Pan: 0° ~ 360°; Tilt: 0° ~ 80°; Rotation: 0° ~ 355°	
Focus Control	Fixed	Fixed	Fixed	Motorized	
Lens Type / Mount Type	Fixed lens / Board-in Type	Fixed lens / Board-in Type	Fixed lens / Board-in Type	Motorized lens / Board-in Type	
DORI Distance	Detect	63.6 m (208.66 ft)	52m (171ft)	38.6 m (126.6 ft)	W: 45m T: 99m
	Observe	25.4 m (83.33 ft)	21m (69ft)	15.4 m (50.5 ft)	W: 18m T: 40m
	Recognize	12.7 m (41.67 ft)	10m (33ft)	7.7m (25.3 ft)	W: 9m T: 20m
	Identify	6.4 m (21.00 ft)	5m (16ft)	3.9 m (12.8 ft)	W: 4.5m T: 10m
Compression	AI H.265 / AI H.264 / H.265+ / H.264+ / H.265 / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	
Frame Rate	Main Stream	2560 × 1440 (1-25/30 fps)	4096x832 (1 - 25/30fps)	4096x1800 (1 - 25/30fps)	1080P (1 - 25/30fps)
	Sub Stream	704 × 576 (1-25 fps) / 704 × 480 (1-30 fps)	1024x208 (1 - 25/30fps)	1024x452 (1 - 25/30fps)	D1 (1 - 25/30fps)
	Third Stream	1920 × 1080 (1-25/30 fps)	1280x260 (1 - 25/30fps)	1920x832 (1 - 25/30fps)	N/A
Bit Rate	H.264: 32 kbps ~ 8192 kbps H.265: 32 kbps ~ 8192 kbps	H.264: 8K ~ 16Mbps H.265: 4K ~ 10Mbps	H.264: 9 kbps ~ 17664 kbps H.265: 9 kbps ~ 17664 kbps	H.264: 32K ~ 8192Kbps H.265: 12K ~ 6144Kbps	
Corridor Mode	Supported	Supported	Supported	Supported	
Built-in Microphone	Yes	No	No	No	
Audio in/out	1/1 channel In/Out (RCA port)	1/1 channel In/Out	1/1 channel In/Out (RCA port)	1/1 channel In/Out	
Alarm in/out	2 ch In: 5mA 3V-5 VDC 2 ch Out: 300mA 12 VDC	2 ch In: 5mA 5VDC 1 ch Out: 1A 30VDC / 0.5A 50VAC	2 ch In: 5mA 5VDC 2 ch Out: 1,000mA 30V DC/500mA 50V DC	1 ch In: 5mA 5VDC 1 ch Out: 300mA 12V	
Memory Slot	Micro SD Card slot, Up to 256GB	Micro SD Card slot, Up to 128GB	Micro SD Card slot, Up to 256GB	Micro SD Card slot, Up to 256GB	
Smart Detection	AI: Area Protector, Smart Motion Detection 3.0, Tripwire, Intrusion, Human and v ehicle recognition	Tripwire, Intrusion, Abandoned/Missing Object, Heat-Map	Vehicle Analytics, P eople Counting, Tripwire, Intrusion	Tripwire, Intrusion, Motion detection, Video tampering, Scene changing	
Power Supply /Power Consumption	12 VDC/PoE; Less than 8W	AC24V, PoE+ (802.3at) (Class 4); Less than 23W	12V DC/24V AC/PoE(802.3at); Less than 14.9W	AC24V, PoE(802.3at)(Class 4); Less than 31.2W	
Working Environment	-40°C to +60°C and less than 95% RH	-40°C to +50°C and less than 95% RH	-40°C to +50°C and less than 95% RH	-30°C to +50°C and less than 95% RH	
Ingress Protection / Vandal Resistance	IP67; IK10	IP67; IK10	IP67; IK10	IP67; IK10	
Dimensions / Weight	66.2 mm × Φ122.0 mm (2.61" × Φ4.80") 0.67 kg	298.3mm × 172.5mm × 120.5mm (11.74"×6.79"×4.74")	Φ212mm × 169.5mm (Φ8.35" × 6.67") 4.37 kg	286.1mm × 111.3mm 3.6 kg	
Accessories	INSX137 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX106 + INSX220C (Ceiling Mount)	INSX151 (Corner Mount), INSX151 (Pole Mount), INSX120 (Junction Box)	INSX120 (Junction Box), INSX140 (Junction Box), INSX300 (Ceiling Mount), INSX303 (Wall Mount), INSX150 (Pole Mount), INSX151 (Corner Mount)	INSX303 (Wall Mount), INSX300 (Ceiling Mount), INSX108 (Mount Adapter), INSX111(Mount Adapter)	



NETWORK CAMERAS



Model	INSBO8180IRF	INSCRD1RWA	INSTO4IRF	INSDO20360IRWA	
Image Sensor	Two 1/2.8" 4x2MP (8MP) progressive CMOS low illuminance high image definitio	1/1.8" 4 MP progressive CMOS, low illuminance high image definitio	1/3" 4 MP progressive CMOS low illuminance high image definitio	Four 1/2.7" 5 MP Progressive scan CMOS	
Effective Pixels	4096 (H) × 1800 (V)	2688(H) × 1520(V)	2688(H) × 1520(V)	2592 (H) × 1944 (V)	
Minimum Illumination	0.002 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	0.001 Lux / F1.2 (Color), 0 Lux / F1.2 (IR on)	0.03 Lux / F2.0 (Color); 0 Lux / F2.0 (IR on)	0.005 Lux / F1.7 (Color) 0 Lux / F1.7 (IR on)	
Maximum Length of IR LEDs	30m	40m	30m	30m	
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / WDR (140dB)	BLC / HLC / DWDR	BLC / HLC / DWDR	
Focal Length / Max. Aperture/ H.Angle	2.8mm; F1.6 / H: 180° - V: 90°	2.7-12mm; F1.2 / H: 114°-48°; V: 59°-27°	2.8mm; F2.0 / H: 90° - V: 50°	2.8mm - 12mm ; F1.8 / H: 100°-42°; V: 74°-32°	
Pan / Tilt / Rotation	Pan: 0° ~ 175°; Tilt: 0° ~ 65°, Rotation: 0° ~ 360°	Pan: 0° ~ 355°; Tilt: 0° ~ 80°, Rotation: 0° ~ 355°	Pan: 0° ~ 355°; Tilt: 0° ~ 78°, Rotation: 0° ~ 355°	Pan: 0°-360°; Tilt: 0°-75°; Rotation: 0°-355°	
Focus Control	Fixed	Motorized	Fixed	Motorized	
Lens Type / Mount Type	Fixed lens / Board-in Type	Motorized lens / Board-in Type	Fixed lens / Board-in Type	Motorized lens / Board-in Type	
DORI Distance	Detect	38.6 m (126.66 ft)	W: 60m T: 129m	W: 66m T: 140.4m	
	Observe	15.4 m (50.53 ft)	W: 24m T: 51m	W: 26.4m T: 56.1m	
	Recognize	7.7 m (25.30 ft)	W: 12m T: 26m	W: 13.2m T: 28.8m	
	Identify	3.9 m (12.80 ft)	W: 6m T: 13m	W: 6.6m T: 14m	
Compression	H.265+ / H.264+ / H.265 / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	
Frame Rate	Main Stream	4096 × 1800 (1-25/30 fps)	2688x1520 (1 - 50/60fps)	2688x1520 (1 - 25/30fps)	2592 × 1944 (1-25/30 fps)
	Sub Stream	1024 × 452 (1-25/30 fps)	Sub&Fifth stream: 704x576 (1 - 25fps); 704x480 (1 - 30fps)	704x576 (1 - 25fps); 704x480 (1 - 30fps)	704 × 576 (1-25 fps); 704 × 480 (1-30fps)
	Third Stream	1920 × 1080 (1-25/30 fps)	Third&Fourth stream: 1920x1080 (1 - 25/30fps)	N/A	1920 × 1080 (1-25/30 fps)
Bit Rate	H.264: 9 kbps ~ 17664 kbps H.265: 9 kbps ~ 17664 kbps	H.264: 8K ~ 16Mbps H.265: 4K ~ 10Mbps	H.264: 32 kbps ~ 4096 kbps H.265: 12 kbps ~ 4096 kbps	H.264: 32K ~ 17152Kbps H.265: 12K ~ 10240Kbps	
Corridor Mode	Supported	Supported	Supported	Supported	
Built-in Microphone	No	No	No	No	
Audio in/out	1/1 channel In/Out (RCA port)	1/1 channel In/Out	N/A	1/1 channel In/Out	
Alarm in/out	2 channel in: 5mA 3V-5 VDC 2 channels out: 1,000mA 30 VDC/500mA 50 VDC	3 ch In: 5mA 3-5VDC 2 ch Out: 1A 30VDC / 0.5A 50VDC	N/A	3 ch In: 5mA 3V - 5 VDC 2 ch Out: 300mA 12 VDC	
Memory Slot	Micro SD Card slot, Up to 256GB	Micro SD Card slot, Up to 256GB	N/A	Micro SD Card slot, Up to 256GB	
Smart Detection	AI: Vehicle density; Parking space limit; Congestion alarm; Crowd map; Global people counting; People counting in area; Intrusion, Tripwire	Area Protector, People Counting, Intelligent Search, Video Metadata, Face Recognition&Detection	Abnormality detection includes motion detection, video tampering	Area Protector, People Counting, Face Detection, Intelligent Search, Abandoned Object; Missing Object	
Power Supply /Power Consumption	12 VDC/24 VAC/PoE+; Less than 16.2W	12 VDC/24 VAC/PoE+ (802.3at); Less than 22.38W	12V DC/PoE (802.3af); Less than 4.7W	DC12V, PoE+(802.3at); Less than 24.7W	
Working Environment	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	
Ingress Protection / Vandal Resistance	IP67; IK10	IP67; IK10	IP67; N/A	IP67; IK10	
Dimensions / Weight	298.3 mm × 172.5 mm × 120.5 mm (11.74" × 6.79" × 4.74") 3.35 kg	129.1 mm × Φ157.9 mm (5.08" × Φ6.22") 1.6 kg	85.6 mm × Φ94.0 mm (3.37" × Φ3.70") 0.32 kg	Φ286.1mm × 111.3mm (Φ11.26" × 4.38") 4.5 kg	
Accessories	INSX120B (Junction Box), INSX150B (Pole Mount)	INSX211W (Wall Mount), INSX152 (Pole Mount), INSX773 (Sun Shade), INSX101+INSX300C (Ceiling Mount)	INSX13AE (Junction Box), INSX205W (Wall Mount), INSX220C (Ceiling Mount), INSX106 (Mount Adapter), INSX152 (Pole Mount)	INSX303 (Wall Mount), INSX300 (Ceiling Mount), INSX108 (Mount Adapter), INSX111 (Mount Adapter)	



NETWORK CAMERAS



LITEAI



Model	INSDO4PTZ4X	INSDO2PTZIR25X	INSDO2PTZ32XT	INSDR2PTZ32X	INSDO2IRCPTZ25X	
Image Sensor	1/2.8" 4 MP STARVIS™ progressive scan CMOS	1/2.8" 2 MP STARVIS™ CMOS	1/2.8" 2 MP STARVIS™ CMOS	1/2.8" 2 MP STARVIS™ progressive scan CMOS	1/2.8" 2 MP STARVIS™ progressive scan CMOS	
Effective Pixels	2560 (H) × 1440 (V)	1920(H) × 1080(V)	1920(H) × 1080(V)	1920(H) × 1080(V)	1920(H) × 1080(V)	
Minimum Illumination	0.005 Lux / F1.6 (Color); 0.0005 Lux / F1.6 (B/W)	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	0.05 Lux / F1.6 (Color); 0.005 Lux / F1.6 (B /W)	0.005 Lux / F1.35 (Color); 0.0005 Lux / F1.35 (B/W)	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR On)	
Maximum Length of IR LEDs	N/A	250m	N/A	N/A	150m	
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	
Digital Zoom	16x	16x	16x	16x	16x	
Focal Length / Max. Aperture / H.Angle	2.8mm - 12mm; 4x Optical Zoom; F1.6 - F3.0 / H: 90.3° ~ 29.4°	4.8mm - 120mm; 25x Optical zoom; F1.6 - F4.4 / H: 58.5° - 2.8°	4.9mm - 144mm; 32x optical zoom F1.6 - F4.0 / H: 58.4°-3.0°; V: 33.4°-1.7°	4.9mm - 156mm; 32x optical zoom F1.35 - F4.4 / H: 62.8°-2.2°; V: 36.7°-1.3°	4.8mm - 120mm / 25x optical zoom F1.6 - F3.5 / H: 61°-2.8°	
Memory Slot	Micro SD Card slot, Up to 512GB	Micro SD Card slot, Up to 512GB	Micro SD Card slot, Up to 512GB	Micro SD Card slot, Up to 256GB	N/A	
DORI Distance	Detect	240m (787.40ft)	1655m (5430ft)	1986 m (6915.75 ft)	2152 m (7060.37 ft)	1655.2 m (5430.45 ft)
	Observe	94.8m (311.02ft)	654m (2145ft)	785 m (2575.46 ft)	850 m (2788.71 ft)	656.8 m (2154.86 ft)
	Recognize	48m (157.48ft)	331m (1086ft)	398 m (1305.77 ft)	430 m (1410.76 ft)	331.0 m (1085.96 ft)
	Identify	24m (78.74ft)	166m (543ft)	198 m (649.61 ft)	215 m (705.38 ft)	165.5 m (542.98 ft)
Compression	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+ / H.265 / H.264	H.265+ / H.264+ / H.265 / H.264	N/A	
Pan / Tilt / Rotation	Pan: 0° ~ 355°; Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless; Tilt: -20° ~ 90°, Auto flip 180	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, Auto flip 180	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, Auto flip 180°	Pan: 0° ~ 360°; Tilt: -15° ~ 90°	
Manual Control Speed	Pan: 0.1° ~ 100° /s; Tilt: 0.1° ~ 60° /s	Pan: 0.1° ~ 200° /s; Tilt: 0.1° ~ 120° /s	Pan: 0.1° ~ 350° /s; Tilt: 0.1° ~ 250° /s	Pan: 0.1° ~ 350° /s; Tilt: 0.1° ~ 250° /s	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 200° /s	
Preset Speed	Pan: 100° /s; Tilt: 60° /s	Pan: 300° /s; Tilt: 200° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 240° /s; Tilt: 200° /s	
Presets	300	300	300	300	300	
PTZ Mode	8 Tours (up to 32 preset per tour)	5 Patterns, 8 Tours, Auto Panoramic , Auto Scan	5 Patterns, 8 Tours, 5 Scans	5 Patterns, 8 Tours, Auto Panoramic, 5 Scans	5 Patterns, 8 Tours, 5 Scans	
Speed Setup	Human-oriented focal length / Speed adaptation	Human-oriented focal length / Speed Adaptation	N/A	Human-oriented focal length / Speed Adaptation	Human-oriented focal Length / Speed adaptation	
Power up Action	Auto restore to previous PTZ and lens status after power failure	Auto restore to previous PTZ and lens status after power failure	Supports Power-off Memory	Supports Power-off Memory	Supports Power-off Memory	
Idle Motion	Activate Preset/Tour if there is no command in the specified period / Pattern	Preset / Scan / Tour / Pattern (if there is no command in the specified period)	Preset / Scan / Tour / Pattern (if there is no command in the specified period)	Preset / Scan / Tour / Pattern (if there is no command in the specified period)	Preset / Scan / Tour / Pattern (if there is no command in the specified period)	
Smart Detection	Area Protector, Vehicle/Human Alarm Classification, Smart Motion Detection, Face Detection	Area Protector, Face Detection, Heat Map, Auto Tracking, Smart Motion Detection	AI: Area Protector, Smart Motion Detection 3.0, Tripwire, Intrusion, Human and vehicle recognition, Auto Tracking, Face Detection	AI: Area Protector, Smart Motion Detection 3.0, Tripwire, Intrusion, Human and vehicle recognition, Auto Tracking, Face Detection	N/A	
Audio in/out	N/A	1/1 Channel in/out	1/1 Channel in/out	1/1 Channel in/out	1 Channel in	
Alarm in/out	N/A	7/2 Channel in/out	2/1 Channel in/out	2/1 Channel in/out	2/1 Channel in/out	
Power Supply / Consumption	DC 12V/1A, PoE(802.3af); Less than 6.1W	AC24V/3A(±25%), PoE+(802.3at); Less than 25W	DC24V/2.5A, PoE+(802.3at); Less than 16W	DC24V/2.5A, PoE+(802.3at) Less than 16W	AC 24V/3A ± 25%; Less than 22W (with IR on)	
Working Environment	-30°C to +60°C and less than 95% RH	-40°C to +70°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-40°C to +70°C and less than 95% RH	
Ingress/Vandal Protection	IP66; IK10	IP67; IK10	IP67; IK10; 6000V lightning proof; surge protection; voltage transient protection	IK10; 6000V lightning proof; surge protection; voltage transient protection	IP66;TVS 6000V lightning protection; surge protection	
Dimensions / Weight	Φ122 mm x 89 mm 0.73 kg	φ209 x 337.4mm 9.4 kg	Φ186mm x 253mm 4.5 kg	Φ186 mm x 253 mm (Φ7.32" x 9.96") 3.7 kg	310.0 mm × Φ186.0 mm (12.20" × Φ7.32") 7.2 kg	
Accessories	INSDO4PTZ4X INSDO4PTZ4X (Junction Box); INSDO4PTZ4X (Wall Mount); INSDO4PTZ4X (Pole Mount); INSDO4PTZ4X (Ceiling Mount)	INSDO2PTZIR25X INSDO2PTZIR25X (Wall Mount Included), DC24V/2.5A (Power Adapter Included), INSDO2PTZIR25X (Mount Adapter), INSDO2PTZIR25X (Junction Box), INSDO2PTZIR25X (Ceiling Mount), INSDO2PTZIR25X (Pole Mount), INSDO2PTZIR25X (Corner Mount), INSDO2PTZIR25X (Parapet Mount)	INSDO2PTZ32XT INSDO2PTZ32XT (Wall Mount Included), INSDO2PTZ32XT (Mount Adapter Included), DC24V/2.5A (Power Adapter Included), INSDO2PTZ32XT (Junction Box), INSDO2PTZ32XT (Ceiling Mount), INSDO2PTZ32XT (Pole Mount), INSDO2PTZ32XT (Corner Mount), INSDO2PTZ32XT (Parapet Mount)	INSDR2PTZ32X The INSDR2PTZ32X is self sustained and does not need any accessories except the transformer.	INSDO2IRCPTZ25X AC24V/3A (Power Adapter Included), INSDO2IRCPTZ25X (Mount Adapter), INSDO2IRCPTZ25X (Wall Mount), INSDO2IRCPTZ25X (Junction Box), INSDO2IRCPTZ25X (Ceiling Mount), INSDO2IRCPTZ25X (Pole Mount), INSDO2IRCPTZ25X (Corner Mount), INSDO2IRCPTZ25X (Parapet)	



NETWORK CAMERAS



LITEAI

Model		INSDO2PTZ4X	INSEC2PTZ30X	INSDO2PTZW30X
Image Sensor		1/2.8" 2 MP STARVIS™ progressive scan CMOS	1/2.8" 2 MP STARVIS™ CMOS	1/2.8" 2 MP STARVIS™ CMOS
Effective Pixels		1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)
Minimum Illumination		0.005 Lux / F1.6 (Color); 0.0005 Lux / F1.6 (B/W)	0.005 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	0.05 Lux / F1.6 (Color); 0.005 Lux / F1.6 (B /W)
Maximum Length of IR LEDs		N/A	N/A	150m
Backlight Compensation		BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)
Digital Zoom		16x	16x	16x
Focal Length / Max. Aperture / H.Angle		2.7mm - 11mm; 4x Optical Zoom; F1.6 / H: 112.5° ~ 30°	4.5mm - 135mm; 30x Optical zoom; F1.6 - F4.4 / H: 67.8° - 2.4°	4.5mm - 144mm; 32x optical zoom F1.6 - F4.0 / H: 58.4°-3.0°; V: 33.4°-1.7°
Memory Slot		Micro SD Card slot, Up to 128GB	Micro SD Card slot, Up to 256GB	Micro SD Card slot, Up to 512GB
DORI Distance	Detect	124.1m (407ft)	1862m (6109ft)	1986 m (6915.75 ft)
	Observe	49.7m (163ft)	744m (2441ft)	785 m (2575.46 ft)
	Recognize	24.8m (81ft)	372m (1220ft)	398 m (1305.77 ft)
	Identify	12.4m (40ft)	186m (610ft)	198 m (649.61 ft)
Compression		H.265 / H.264	H.265+ / H.264+	H.265+ / H.264+ / H.265 / H.264
Pan / Tilt / Rotation		Pan: 0° ~ 355°; Tilt: 0° ~ 90°	Pan: 0° ~ 360° endless; Tilt: -20° ~ 90°, Auto flip 180	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, Auto flip 180°
Manual Control Speed		Pan: 0.1° ~100° /s; Tilt: 0.1° ~60° /s	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 200° /s	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 200° /s
Preset Speed		Pan: 100° /s; Tilt: 60° /s	Pan: 600° /s; Tilt: 500° /s	Pan: 400° /s; Tilt: 300° /s
Presets		300	300	300
PTZ Mode		8 Tours (up to 32 preset per tour)	5 Patterns, 8 Tours, Auto Panoramic , Auto Scan	5 Patterns, 8 Tours, Auto Pan, 5 Scans
Speed Setup		Human-oriented focal length / Speed adaptation	Human-oriented focal length / Speed Adaptation	N/A
Power up Action		Auto restore to previous PTZ and lens status after power failure	Auto restore to previous PTZ and lens status after power failure	Supports Power-off Memory
Idle Motion		Activate Preset/Tour if there is no command in the specified period / Pattern	Preset / Scan / Tour / Pattern (if there is no command in the specified period)	Preset / Scan / Tour / Pattern (if there is no command in the specified period)
Smart Detection		Tripwire, Intrusion, Abandoned/Missing, Face Detection	Area Protector, Face Detection, Heat Map, Auto Tracking, Smart Motion Detection	AI: Area Protector, Smart Motion Detection 4.0, Tripwire, Intrusion, Human and vehicle recognition, Auto Tracking, Face Detection
Audio in/out		N/A	1/1 Channel in/out	1/1 Channel in/out
Alarm in/out		N/A	7/2 Channel in/out	2/1 Channel in/out
Power Supply / Consumption		DC 12V/1.5A, PoE(802.3af); Less than 5.5W	AC24V/3A(±25%), PoE+(802.3at); Less than 20W	DC24V/2.5A, PoE+(802.3at); Less than 22W
Working Environment		-30°C to +60°C and less than 95% RH	-40°C to +70°C and less than 95% RH	-40°C to +70°C and less than 95% RH
Ingress/Vandal Protection		IP66; IK10	IP68; IK10	IP67; IK10; 6000V lightning proof; surge protection; voltage transient protection
Dimensions / Weight		Φ122 mm x 89 mm 0.73 kg	Φ222.0 mm x 292.0 mm (8.74 in. x 11.50 in.) 11.0 kg	Φ190mm x 332mm 4.7 kg
Accessories		INSX137 (Junction Box); INSX203 (Wall Mount); INSX152 (Pole Mount); INSX200C (Ceiling Mount)	INSX303SL (Wall Mount Included), AC24V/3A (Power Adapter Included), INSBB (Junction Box)	INSX305 (Wall Mount Included), INSX111 (Mount Adapter Included), DC24V/2.5A (Power Adapter Included), INSX120 (Junction Box), INSX300 (Ceiling Mount), INSX301 (Ceiling Mount), INSX150 (Pole Mount), INSX151 (Corner Mount),



NETWORK CAMERAS



4K



4K



4K



4K



4K

Model	INSDO4KIRF	INSBO4KIRF	INSDO4KIRA	INSBO4KIRA	INSTO4KIRF
Image Sensor	1/2.7" 8 MP CMOS image sensor, low illuminance, high image definitio	1/2.7" 8 MP progressive scan CMOS	1/2.7" 8 MP CMOS image sensor, low illuminance, high image definitio	1/2.7" 8 MP progressive scan CMOS	1/2.7" 8 MP progressive scan CMOS
Effective Pixels	3840(H) x 2160(V)	3840(H) x 2160(V)	3840(H) x 2160(V)	3840(H) x 2160(V)	3840(H) x 2160(V)
Minimum Illumination	0.009 Lux / F2.0	0.009 Lux / F1.6 (Color); 0 Lux / F1.6 (IR on)	0.008 Lux / F1.5	0.008 Lux / F1.5 (Color); 0 Lux / F1.5 (IR on)	0.009 Lux / F2.0 (Color); 0 Lux / F2.0 (IR on)
Maximum Length of IR LEDs	30m	30m	40m	60m	60m
Backlight Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)
Focal Length / Max. Aperture/ H.Angle	2.8mm; F2.0 / H: 105° ~ V: 56°	2.8mm; F1.6 / H: 106° - V: 56°	2.7mm - 13.5mm; F1.5 / H: 113° - 31° ; V: 58° - 18°	2.7mm - 13.5mm; F1.5 / H: 113° - 31° ; V: 58° - 17°	2.8mm; F2.0 / H: 105° - V: 56°
Pan / Tilt / Rotation	Pan: 0° ~ 355°; Tilt: 0° ~ 65°; Rotation: 0° ~ 355°	Pan: 0° ~ 360° ; Tilt: 0° ~ 90° ; Rotation: 0° ~ 360°	Pan: 0° ~ 355°; Tilt: 0° ~ 67°; Rotation: 0° ~ 355°	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotation: 0° ~ 360°	Pan: 0° ~ 360°; Tilt: 0° ~ 78°; Rotation: 0° ~ 360°
Focus Control	Fixed	Fixed	Motorized	Motorized	Fixed
Lens Type / Mount Type	Fixed Lens / Board-in Type	Fixed lens / Board-in Type	Motorized lens / Board-in Type	Motorized lens / Board-in Type	Fixed Lens / Board-in Type
DORI Distance	Detect	74.7 m (245.1 ft)	88m (289ft)	W: 85.3m T: 280m	74.7m (245.1 ft)
	Observe	29.9 m (98.1 ft)	35m (115ft)	W: 34.1m T: 112m	29.9m (98.1 ft)
	Recognize	14.9 m (48.9 ft)	18m (58t)	W: 17m T: 56m	14.9m (48.9 ft)
	Identify	7.5 m (24.6 ft)	9m (29ft)	W: 8.5m T: 28m	7.5m (24.6 ft)
Compression	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+
Frame Rate	Main Stream	4K (1 - 15fps) / 2688 × 1520 (1 - 25/30 fps)	4K (1 - 25/30fps)	4K (1 - 15fps) / 2688 × 1520 (1 - 25/30 fps)	4K (1 - 25/30fps)
	Sub Stream	704 × 576 (1 - 25 fps) / 704 × 480 (1 - 30 fps)	D1 (1 - 25/30fps)	704 × 576 (1 - 25 fps) / 704 × 480 (1 - 30 fps)	D1 (1 - 25/30fps)
	Third Stream	N/A	N/A	N/A	N/A
Bit Rate	H.264: 32K ~ 8192Kbps H.265: 12K ~ 8192Kbps	H.264: 32K ~ 8192Kbps H.265: 16K ~ 8192Kbps	H.264: 32K ~ 8192Kbps H.265: 12K ~ 8192Kbps	H.264: 32K ~ 8192Kbps H.265: 12K ~ 8192Kbps	H.264: 3K ~ 8192Kbps H.265: 3K ~ 8192Kbps
Corridor Mode	Supported	Supported	Supported	Supported	Supported
Audio in/out	N/A	N/A	N/A	N/A	N/A
Alarm in/out	N/A	N/A	N/A	N/A	N/A
Memory Slot	Micro SD Card slot, Up to 256GB	Micro SD Card slot, Up to 256GB	Micro SD card up to 256GB	Micro SD card up to 256GB	Micro SD card up to 256GB
Smart Detection	Tripwire, Intrusion, Motion Detection	Tripwire, Intrusion, Motion Detection	Area Protector, Intelligent Search	Tripwire, Intrusion	Tripwire, Intrusion
Power Supply / Power Consumption	DC12V, PoE (802.3af) (Class 0); Less than 6.2W	DC12V, PoE (IEEE802.3af) (Class 0); Less than 5.4W	12V DC/PoE (802.3af); Less than 7.2W	DC12V, PoE (802.3af) (Class 0); Less than 9.9W	DC12V, PoE (802.3af) (Class 0); Less than 7.2W
Working Environment	-30°C to +60°C and Less than 95% RH	-40°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-40°C to +55°C and less than 95% RH
Ingress Protection / Vandal Resistance	IP67; IK10	IP67; N/A	IP67; IK10	IP67; N/A	IP67; N/A
Dimensions / Weight	φ 110.0mm × 81.0mm (3.19" × Φ4.33") 0.49 kg	166.2 mm × 70 mm × 70 mm (6.54" × 2.76" × 2.76") 0.59 kg	93.4 mm × Φ122 mm (3.68" × Φ4.80") 0.66 kg	244.1mm × Φ90.4 mm (9.61" × Φ3.26") 1.10 kg	99.1 mm × Φ121.9 mm (3.9" × Φ4.8") 0.65 kg
Accessories	INSX136 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX200W (Rain Shade)	INSX134 (Junction Box), INSX130 (Junction Box), INSX152 (Pole Mount)	INSX137 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX200W (Rain Shade), INSX106 + INSX220C (Ceiling Mount)	INSX130 (Junction Box), INSX152 (Pole Mount)	INSX130 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX151 (Corner Mount), INSX106 + INSX220C (Ceiling Mount)



NETWORK CAMERAS



AI+



AI+



LITEAI

Model	INSAITO4NCF	INSAIDO4NCF	INSTO4NCF
Image Sensor	1/1.8" 4 MP progressive scan CMOS - ChromaVIEW	1/1.8" 4 MP progressive scan CMOS - ChromaVIEW	1/3" 4 MP progressive scan CMOS - ChromaVIEW
Effective Pixels	2688 (H) × 1520 (V)	2688 (H) × 1520 (V)	2560 (H) × 1440 (V)
Minimum Illumination	0.0005 Lux / F1.0	0.0005 Lux / F1.0	0.004 Lux / F1.0
Maximum Length of IR LEDs	30m	30m	30m
Day/Night	Day/Night: Electronic / Auto / Color / B/W	Day/Night: Electronic / Color / B/W	Day/Night: Electronic / Color / B/W
Backlight Compensation	BLC / HLC / WDR (140 dB)	BLC / HLC / WDR (140 dB)	BLC / HLC / WDR (120 dB)
Focal Length / Max. Aperture/ H.Angle	2.8 mm; F1.0 / H: 107° - V: 60°	2.8 mm; F1.0 / H: 107° - V: 60°	2.8 mm; F1.0 / H: 97° - V: 54°
Pan / Tilt / Rotation	Pan: 0°-360°; Tilt: 0°-78°; Rotation: 0°-360°	Pan: 0°-355°; Tilt: 0°-75°; Rotation: 0°-355°	Pan: 0°-360°; Tilt: 0°-78°; Rotation: 0°-360°
Focus Control	Fixed	Fixed	Fixed
Lens Type / Mount Type	Fixed-focal / Board-in	Fixed-focal / Board-in	Fixed-focal / Board-in
DORI Distance	Detect	58m (192ft)	66 m (216 ft)
	Observe	23m (75ft)	26 m (86 ft)
	Recognize	12m (39ft)	12 m (38ft)
	Identify	6m (20ft)	6 m (19ft)
Compression	H.265+ / H.264+	H.265+ / H.264+	H.265+ / H.264+
Frame Rate	Main Stream	2688 × 1520 (1 fps to 25/30 fps) 2560 × 1440 (1 fps to 25/30 fps) 1920 × 1080 (1 fps to 50/60 fps)	2560 × 1440 (1 fps to 25/30 fps) 1920 × 1080 (1 fps to 50/60 fps)
	Sub Stream	D1 (1 fps to 25/30 fps) D1 (1 fps to 50/60 fps)	D1 (1 fps to 25/30 fps) D1 (1 fps to 50/60 fps)
	Third Stream	1080P (1 fps to 16 fps)	1080P (1 fps to 16 fps)
Bit Rate	H.264: 3 Kbps ~ 20480 Kbps H.265: 3 Kbps ~ 20480 Kbps	H.264: 3 Kbps ~ 20480 Kbps H.265: 3 Kbps ~ 20480 Kbps	H.264: 32 Kbps ~ 6144 Kbps H.265: 12 Kbps ~ 6144 Kbps
Built-in Microphone	Yes	N/A	Yes
Audio in/out	N/A	1/1 channel In/Out	N/A
Alarm in/out	N/A	1 channel In: 5mA 5V DC 1 channel Out: 300mA 12V DC	N/A
Memory Slot	Micro SD card up to 256GB	Micro SD card up to 256GB	N/A
Smart Detection	Facial Recognition, Area Protector, People Counting AI + Analytics	Facial Recognition, Area Protector, People Counting AI + Analytics	Abnormality detection includes motion detection, video tampering
Power Supply /Power Consumption	DC 12V (±30%), PoE (802.3af) (Class 0); Less than 7.2W	DC 12V (±30%), PoE (802.3af) (Class 0); Less than 7.8W	DC 12V (±30%), PoE (802.3af) (Class 0); Less than 5.4W
Working Environment	-40° C to +60° C and less than 95% RH	-40° C to +60° C and less than 95% RH	-40° C to +60° C and less than 95% RH
Ingress Protection / Vandal Resistance	IP67; N/A	IP67; IK10	IP67; N/A
Dimensions / Weight	121.9 mm × Φ104.4 mm (Φ4.80" × 4.11") 0.68 kg	Φ122.0 mm × 94.0 mm (4.80" × 3.70") 0.99 kg	85.6 mm × Φ94.0 mm (3.37" × Φ3.70") 0.33 kg
Accessories	INSX130 (Junction Box), INSX205W (Wall Mount), INSX151 (Corner Mount), INSX152 (Pole Mount), INSX109 (Mount Adapter) + INSX220C (Ceiling Mount)	INSX137 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX200W (Rain Cover), INSX109 (Mount Adapter) + INSX220C (Ceiling Mount)	INSX13AE (Junction Box), INSX205W (Wall Mount), INSX152 (Pole Mount), INSX106 (Mount Adapter) + INSX220C (Ceiling Mount)

NETWORK CAMERAS



THERMAL



THERMAL

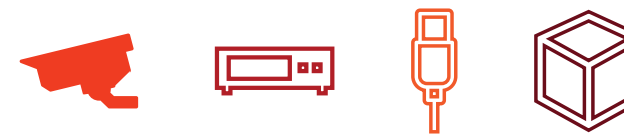


THERMAL



THERMAL

Model	INS2TD2617-6V1	INS2TD2615-7/2617-10	INS2TD2136-7/10/15/25/35	INS2TD2136T-10/15/25	
Image Sensor	Vanadium Oxide uncooled focal plane arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	
Effective Pixels	320 x 240	256 x 192 / 160 x 120	384(H) x 288(V)	384(H) x 288(V)	
Lens (Focal Length)	6.2 mm	8mm / 9.7mm	7mm / 10mm / 15mm / 25mm / 35mm	10mm / 15mm / 25mm	
Pixel Interval	17µm	17µm	17 µm	17 µm	
Response Waveband	8µm to 14µm	8µm to 14µm	8 µm to 14 µm	8 µm to 14 µm	
NETD	Less than 40mk (at 25°C, F#=1.0)	Less than 40 mK (at 25°C, F#=1.0)	Less than 40mk (at 25°C, F#=1.0)	Less than 40mk (at 25°C, F#=1.0)	
MRAD	2.74 mrad	2.50 mrad / 1.75 mrad	2.43 mrad (7) / 1.70 mrad (10) 1.13 mrad (15) / 0.68 mrad (25) / 0.49 mrad (35)	1.70 mrad (10) / 1.13 mrad (15) / 0.68 mrad (25)	
Max. Aperture / H.Angle	F1.1	F1.0	F1.0	F1.0	
Min. Focusing Distance	0.6 m	1.0 m / 2.0 m	0.8 m (7) / 1m (10) / 2.5m (15) / 13m (25) / 40m (35)	1m (10) / 2.5m (15) / 13m (25)	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel	Fusion view of thermal view and overlaid details of the optical channel	N/A	N/A	
DORI Distance	Detect	559m (1834 ft)	897 m / 1282 m	206 m (7) / 294m (10) / 441m (15) / 735m (25) / 1029m (35)	294m (10) / 441m (15) / 735m (25)
	Observe	126m (413ft)	-	-	-
	Recognize	140m (459ft)	220 m / 314 m	51m (7) / 74m (10) / 110m (15) / 184m (25) / 257m (35)	74m (10) / 110m (15) / 184m (25)
	Identify	70m (229ft)	111 m / 159 m	26m (7) / 37m (10) / 55m (15) / 92m (25) / 129m (35)	37m (10) / 55m (15) / 92m (25)
Compression	H.264+ / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265+ / H.264+	H.265+ / H.264+	
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image	Combines details of thermal and optical image PIP, overlay thermal image on optical image	N/A	N/A	
IR Distance	Up to 40 m	Up to 30m	N/A	N/A	
IR Intensity and Angle	Automatically adjusted	Automatically adjusted	N/A	N/A	
VCA (Video Content Analysis)	Intrusion, Line crossing, Region entrance, Region exiting, Max 8 rules	Heat Detection, Tripwire, Human/Vehicle Classification, Smoking Detection, and Call Detection	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 V CA rules	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 V CA rules	
Temperature Measurement	Supports 10 points, 10 regions and 1 line	Supports 10 points,10 regions, and 1line	Supports 10 points, 10 regions, and 1 line	3 temperature measurement rule types, 21 rules (10 points, 10 regions, and 1 line).	
Temperature Range	-20 °C to +150 °C (-4 °F to 302 °F)	-20 °C to +150 °C (-4 °F to 302 °F)	-20 °C to +150 °C (-4 °F to 302 °F)	-20 °C to +550 °C (-4 °F to 1022 °F)	
Temperature Accuracy	±8 °C	±8 °C	±8 °C	±2 °C	
Fire detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	
Memory Slot	Micro SD card slot, up to 128GB (Supports SD/SDHC/SDXC cards)	Micro SD card slot, up to 256GB (Supports SD/SDHC/SDXC cards)	Micro SD card slot, up to 128GB (Supports SD/SDHC/SDXC cards)	Micro SD card slot, up to 128GB (Supports SD/SDHC/SDXC cards)	
Audio in/out	1 x 3.5mm Mic in/Line in inter face. Line input: 2-2.4V[p-p], output impedance: 1KΩ±10%	1 x 3.5mm Mic in/Line in inter face. Line input: 2-2.4V[p-p], output impedance: 1KΩ±10%; Linear Level; Impedance: 600Ω	1/1 Channel in/out	1/1 Channel in/out	
Alarm in/out	SD recording / Relay output / Smart capture / FTP upload / Email linkage	2-ch inputs (0-5VDC); 2-ch relay outputs, alarm response actions configurable	2/2 Channel in/out	2/2 Channel in/out	
Power Supply / Consumption	12 VDC± 20%; PoE (802.3af, class 4)	12 VDC ± 20%, two-core terminal block; PoE (802.3af, class 3)	24 VAC ± 25%, 12 VDC ± 20%, two-core terminal block PoE (802.3at, class 4)	24 VAC ± 25%, 12 VDC ± 20%, two-core terminal block PoE (802.3at, class 4)	
Working Environment	-40 °C to +60 °C (-40 °F to 140 °F); Less than 90% RH	From -30° C to +60° C (-22°F to 140°F); Less than 95% RH	-40 °C to +50 °C (-40° F to 149° F); Less than 90% RH	-40 °C to +50 °C (-40° F to 149° F) / Less than 90% RH	
Ingress Protection	IP66 TVS 6000V Lightning protection, surge protection, voltage transient; protection	IP67 Standard TVS 6000V lightning protection, surge protection, voltage transient; protection	IP66; TVS 6000V Lightning protection, surge protection	IP66; TVS 6000V Lightning protection, surge protection	
Accessories	INSX1275ZJ (Pole Mount), INSX1276ZJ (Corner Mount)	INSX152 (Pole Mount), INSX130 (Junction box)	INSX1275ZJ (Pole Mount), INSX1276ZJ (Corner Mount)	INSX1275ZJ (Pole Mount), INSX1276ZJ (Corner Mount)	



UNIVERSAL CAMERAS



Model	INSDO2IRUF	INSTO2IRUF	INSTO5IRUF	INSDO2IRUA	INSTO4KIRUF	
Image Sensor	1/2.7" 2 MP progressive scan CMOS	1/2.7" 2 MP progressive scan CMOS	1/2.7" 5 MP progressive scan CMOS	1/2.7" 2 MP progressive scan CMOS	8 megapixel progressive scan CMOS	
Effective Pixels	1920(H) × 1080(V)	1920(H) × 1080(V)	2880(H) × 1620(V)	1928(H) × 1088(V)	3840(H) × 2160(V)	
Minimum Illumination	0.02 Lux / F1.9 (Color); 0 Lux (IR on)	0.02 Lux / F1.9 (Color); 0 Lux (IR on)	0.005 Lux / F1.6 (Color); 0 Lux (IR on)	0.02 Lux / F1.7 (Color); 0 Lux (IR on)	0.01 Lux / F2.0 (Color); 0 Lux (IR on)	
Day/Night	Auto (ICR) / Manual	Auto (ICR) / Manual	Auto (ICR) / Manual	Auto (ICR) / Manual	Auto (ICR) / Manual	
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR	
Video Output	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	
Frame Rate	CVI: 1080P at 25/30fps; 720P at 25/30/50/60fps AHD: 1080P at 25/30fps; 720P at 25/30fps TVI: 1080P at 25/30fps; 720P at 25/30/50/60fps CVBS: 960H	CVI: 1080P at 25/30fps; 720P at 25/30/50/60fps AHD: 1080P at 25/30fps; 720P at 25/30fps TVI: 1080P at 25/30fps; 720P at 25/30/50/60fps CVBS: 960H	CVI: 5MP at 25 fps AHD: 4MP at 25 - 30fps TVI: 4MP at 25 - 30fps CVBS: 960H	CVI: 1080P at 25/30fps; 720P at 25/30/50/60fps AHD: 1080P at 25/30fps; 720P at 25/30fps TVI: 1080P at 25/30fps; 720P at 25/30/50/60fps CVBS: 960H	CVI: 8MP at 15fps; 5MP at 20fps; 4MP at 25/30fps AHD: 8MP at 15fps; 5MP at 20fps; 4MP at 25/30fps TVI: 8MP at 15fps; 5MP at 20fps; 4MP at 25/30fps CVBS: 960H	
Maximum length of IR LEDs	30m, Smart IR	30m, Smart IR	30m, Smart IR	30m	30m	
Focal Length / Max. Aperture / Angle	2.8 mm / F1.9 / H: 101°; V: 54°	2.8 mm / F1.9 / H: 101°; V: 54°	2.8mm / F1.6 / H: 111°; V: 58°	2.7 - 12mm / F1.7 / H: 38° - 125°; V: 19° - 53°	2.8mm / F2.0 / H: 106°; V: 56°	
Lens Type / Mount Type	Fixed Lens / Board-in Type	Fixed lens / Board-in Type	Fixed Lens / Board-in Type	Motorized Lens / Board-in Type	Fixed Lens / Board-in Type	
DORI Distance	Detect	38.6 m (126.6 ft)	38.6 m (126.6 ft)	64m (209ft)	W: 49.7 m T: 82.8 m	88.0 m (288.7 ft)
	Observe	15.4 m (50.5 ft)	15.4 m (50.5 ft)	25m (83ft)	W: 19.9 m T: 33.1 m	35.2.9 m (115.5 ft)
	Recognize	7.7 m (25.3 ft)	7.7 m (25.3 ft)	13m (42ft)	W: 9.9 m T: 16.6 m	17.6 m (57.7 ft)
	Identify	3.9 m (12.8 ft)	3.9 m (12.8 ft)	6m (21ft)	W: 5 m T: 8.3 m	8.8 m 28.9 ft
Built-in Microphone	N/A	Yes	N/A	N/A	Yes	
Power Supply / Consumption	12V DC ± 30%; Less than 3.4W (12V DC, IR on)	12V DC ± 30%; Less than 2.9W (12V DC, IR on)	12V DC ± 30%; Less than 3.2W (12V DC, IR on)	12V ±30% DC / DC 12V; Less than 6.3W	12V ±30% DC / DC 12V; Less than 4.7W	
Working Environment	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-40°C to +60°C and less than 95% RH	
Transmission Distance	Over 800m via coaxial cable	Over 800m via 75-3 coaxial cable	Over 700m via coaxial cable	Over 800m via 75-3 coaxial cable	Over 700m via coaxial cable	
Ingress Protection / Vandal Resistance	IP67; IK10	IP67; N/A	IP67; N/A	IP67; IK10	IP67; N/A	
Dimensions / Weight	φ109.9 mm × 81.0 mm (φ4.33" × 3.19") 0.45 kg	φ109.9 mm × 88.1 mm (φ4.33" × 3.47") 0.44 kg	φ109.9 mm × 88.1 mm 0.44 kg	φ122.0 mm × 88.9 mm (φ4.80" × 3.50") 0.7 kg	φ94.0 mm × 85.7 mm (φ3.70" × 3.37") 0.47 kg	
Accessories	INSX136 (Junction Box), INSX152 (Pole Mount), INSX203 (Wall Mount), INSX200W (Rain Shade), INSX106 + INSX220C (Ceiling Mount)	INSX130 (Junction Box), INSX205W (Wall Mount), INSX152 (Pole Mount)	INSX130 (Junction Box), INSX205W (Wall Mount), INSX152 (Pole Mount)	INSX137 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX123 (Junction Box), INSX106 + INSX220C (Ceiling mount)	INSX13AE (Junction Box), INSX205W (Wall Mount), INSX152 (Pole Mount), INSX106 + INSX220C (Ceiling mount)	



HD OVER COAX CAMERAS



Model	INSDO5IRCF	INSBO5IRWCA	INSBO5IRCF	INSWDO2IRWCF	INSNCTO4WCA	INSDO5IRWUA
Image Sensor	1/2.7" 5 MP progressive scan CMOS	1/2.7" 5 MP progressive scan CMOS Starlight	1/2.7" 5 MP progressive scan CMOS	2 MP progressive scan CMOS Starlight	1/1.8" 4 MP progressive scan CMOS Starlight+	1/2.7" 5 MP progressive scan CMOS Starlight
Effective Pixels	2880(H) × 1620(V)	2880(H) × 1620(V)	2880(H) × 1620(V)	1920(H) × 1080(V)	2560(H) × 1440(V)	2880(H) × 1620(V)
Minimum Illumination	0.01 Lux / F1.6 (Color); 0 Lux (IR on)	0.001 Lux / F1.6 (Color); 0 Lux (IR on)	0.01 Lux / F1.6 (Color); 0 Lux (IR on)	0.001 Lux / F1.6 (Color); 0 Lux (IR on)	0.002 Lux / F1.9 (Color); 0 Lux (IR on)	0.001 Lux / F1.6 (Color); 0 Lux (IR on)
Day/Night	Auto (ICR) / Manual	Auto (ICR) / Manual	Auto (ICR) / Manual	Auto (ICR) / Manual	Auto (ICR) / Manual	Auto (ICR) / Manual
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / WDR (120dB)	BLC / HLC / DWDR	BLC / HLC / WDR (130dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)
Video Output	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port	Video output choices of CVI / TVI / AHD / CVBS by one BNC port
Frame Rate	CVI: 5MP at 25 fps AHD: 4MP at 25 - 30fps TVI: 4MP at 25 - 30fps CVBS: 960H	CVI: 5MP at 25 fps AHD: 4MP at 25 - 30fps TVI: 4MP at 25 - 30fps CVBS: 960H	CVI: 5MP at 25 fps AHD: 4MP at 25 - 30fps TVI: 4MP at 25 - 30fps CVBS: 960H	CVI: 1080P at 25/30fps AHD: 1080P at 25/30fps TVI: 1080P at 25/30fps CVBS: 960H	4MP (25/30fps) 1080P (25/30fps)	CVI: 5MP at 25 fps AHD: 4MP at 25 - 30fps TVI: 4MP at 25 - 30fps CVBS: 960H
Maximum length of IR LEDs	30m, Smart IR	80m, Smart IR	30m, Smart IR	30m, Smart IR	60m, Smart IR	30m, Smart IR
Focal Length / Max. Aperture / H.Angle	2.8mm; F1.6 / H: 77.5°; V: 58°	2.7 - 13.5mm; F1.6 / H: 31.4° - 113°; V: 17.6° - 58°	2.8mm; F1.6 / H: 111°; V: 58°	2.8 mm / F1.6 / H: 109°; V: 58°	3.7 - 11mm; F1.9 / H: 47.2° - 114.3°; V: 26.8° - 61.7°	2.7 - 13.5mm; F1.6 / H: 31.4° - 113°; V: 17.6° - 58°
Lens Type / Mount Type	Fixed Lens / Board-in Type	Motorized lens / Board-in Type	Fixed Lens / Board-in Type	Fixed lens / Board-in Type	Motorized lens / Board-in	Motorized lens / Board-in Type
DORI Distance	Detect	W: 64m - T: 210m	63m (207ft)	42.2 m (138.5 ft)	W: 58m T: 131m	W: 64m - T: 210m
	Observe	W: 26m - T: 84m	25m (82ft)	16.9 m (55.4 ft)	W: 23m T: 52m	W: 26m - T: 84m
	Recognize	W: 13m - T: 42m	13m (43ft)	8.4 m (27.6 ft)	W: 12m T: 26m	W: 13m - T: 42m
	Identify	W: 6m - T: 21m	6m (21ft)	4.2 m (13.8 ft)	W: 6m T: 13m	W: 6m - T: 21m
Built-in Microphone	N/A	N/A	N/A	Yes	Yes	N/A
Power Supply /Consumption	12V DC ± 30%; Less than 3.5W (12V DC, IR on)	12V DC ± 30%; Less than 10.7W (12V DC, IR on)	12V DC ± 30%; Less than 3.2W (12V DC, IR on)	12V DC ± 30%; Less than 2.7W (12V DC, IR on)	AC 24V±30% / DC 12V±30%; Less than 10.3W	12V DC ±30%; Less than 6.6W (12V DC, IR on)
Working Environment	-40°C to +50°C and less than 95% RH	-30°C to +50°C and less than 95% RH	-40°C to +50°C and less than 95% RH	-40°C to +50°C and less than 95% RH	-30°C to +50°C and less than 90% RH	-30°C to +50°C and less than 95% RH
Transmission Distance	Over 700m via coaxial cable	Over 700m via coaxial cable	Over 700m via coaxial cable	Over 700m via 75-3 coaxial cable	Over 700m via coaxial cable	Over 700m via coaxial cable
Ingress Protection / Vandal Resistance	IP67; IK10	IP67; N/A	IP67; N/A	IP67; IK10	IP67; N/A	IP67; IK10
Dimensions / Weight	φ109.9 mm × 81.0 mm 0.45 kg	244.1 mm × 90.4 mm × 90.4 mm 1.07 kg	174.5 mm × 72.3 mm × 70.6 mm 0.51 kg	Φ106 mm × 50.3 mm (Φ4.17" × 1.98") 0.44 kg	Φ122mm × 107mm (Φ4.8" × 4.2") 0.63 kg	φ122 mm × 88.9 mm 0.64 kg
Accessories	INSX136 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX106 + INSX220C (Ceiling mount)	INSX130 (Junction Box), INSX135 (Junction Box), INSX152 (Pole Mount)	INSX130 (Junction Box), INSX134 (Junction Box), INSX152 (Pole Mount)	INSX139 (Junction Box), INSX204 (Wall Mount), INSX152 (Pole Mount) INSX106 + INSX220C (Ceiling mount)	INSX130 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount)	INSX137 (Junction Box), INSX203 (Wall Mount), INSX152 (Pole Mount), INSX123 (Junction Box), INSX106 + INSX220C (Ceiling mount)



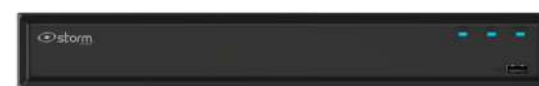
PLUG AND PLAY RECORDERS

To record your surveillance footage with the best quality and value possible, STORM is the solution.

With the wide range of customizable features such as the number of PoE channels and available storage size, STORM is your ideal AI+ recording solution.



NETWORK RECORDERS

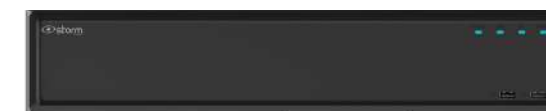
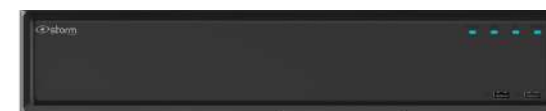
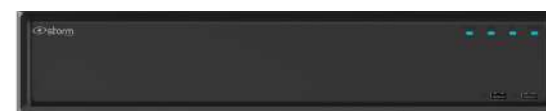
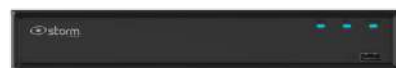


AI+

Model		INS8824KN (Up to 32TB)	INS161624KN (Up to 32TB)	INSAI161624KN (Up to 20TB)
IP Camera Inputs		8 Channels	16 Channels	16 Channels
Interface		1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Resolution		HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720	HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720
Display		1 / 4 / 8	1 / 4 / 8 / 9 / 16	1 / 4 / 8 / 9 / 16
Compression		Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG
Events Alarm		Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips, Privacy Masking, PIR Alarm, IPC External Alarm	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips, Privacy Masking, IPC External Alarm	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips
Area Protector	Performance	8 channels	16 channels	16 channel, 10 rules for each channel
	Object Classification	Human/Vehicle secondary recognition for AI search	Human/Vehicle secondary recognition for tripwire and intrusion	Human/Vehicle secondary recognition for tripwire and intrusion
	AI Search	Search for pictures by channel, time and event type	Search for pictures by channel, time and event type	Search by target classification (Human, vehicle)
Facial Recognition	Performance	8 channels / search by facial attributes	16 channels / search by facial attributes	Processing a maximum of 16 face pictures per second (modeling and comparing) / 4 channel video stream facial recognition / 16 channel picture stream facial recognition
	Stranger Mode	9ZiZXih'hig\c\Zgh[VXZh t; VXZh'i] Vi Vg'cdi 'c'i] Z'CKGYViVWWhZl l] g'h] dā'XVc'WZ'hZi'b Vcj Van	9ZiZXih'hig\c\Zgh[VXZh t; VXZh'i] Vi Vg'cdi 'c'i] Z'CKGYViVWWhZl l] g'h] dā'XVc'WZ'hZi'b Vcj Van	Detects strangers' faces (Faces that are not in the NVR database) Threshold can be set manually
	AI Search	Search for pictures by channel, time and face attributes	Search for pictures by channel, time and face attributes	Up to 8 faces search at the same time, Threshold can be set for each face search
	Database Management	10 facial databases comprising 20,000 images. Each facial image can include name, gender, birthdate, address, credential type, credential number, etc.	20 facial databases comprising 20,000 images. Each facial image can include name, gender, birthdate, address, credential type, credential number, etc.	Up to 200,000 picture of faces. You can link additional information to each picture (Name, gender, birthday, etc.)
	Database Application	N/A	N/A	Each database can be applied to any channel
	Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.
Metadata	Face	Gender, age, glasses, beard, mask	Gender, age, glasses, beard, mask	Gender, age, glasses, beard, mask
	Vehicle	Vehicle color, vehicle model, vehicle logo, etc.	Vehicle color, vehicle model, vehicle logo, etc.	Vehicle color, vehicle model, vehicle logo, etc.
	Human body	Shirt style, Shirt color, Pants style, Pants color, hat, bag, etc.	Shirt style, Shirt color, Pants style, Pants color, hat, bag, etc.	Shirt style, Shirt color, Pants style, Pants color, hat, bag, etc.
	Non-motor Vehicle	Type, color, number of passengers, helmet on/off	Type, color, number of passengers, helmet on/off	Type, color, number of passengers, helmet on/off
	AI Search	Supports searching for target video by metadata	Supports searching for target video by metadata	Supports searching for target video by metadata
Alarm In/Out		4 Inputs / 2 Outputs	4 Inputs / 2 Outputs	4 Inputs / 2 Outputs
Audio In/Out		1 Input (RCA) / 1 Output (RCA)	1 Input (RCA) / 1 Output (RCA)	1 Input (RCA) / 1 Output (RCA)
Bandwidth		256 Mbps	384 Mbps	320 Mbps (160 Mbps when AI function enabled)
PoE		Max 25.5W for single port 130W total rated power, 80% control for protection	Max 25.5W for single port 130W total rated power, 80% control for protection	Max 25.5W for single port 130W total rated power, 80% control for protection
Internal HDD		2 SATA III Ports, Up to 16 TB capacity for each HDD	2 SATA III Ports, Up to 16 TB capacity for each HDD	2 SATA III Ports, Up to 10 TB capacity for each HDD
Power Supply / Consumption		Single, 100V–240V AC, 50 Hz–60 Hz; < 15.2W (Without HDD)	Single, 100V–240V AC, 50 Hz–60 Hz; < 15.2W (Without HDD)	Single, AC100V–240V, 50–60 Hz; < 15.6W (Without HDD)
Working Environment		-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / 86–106kpa
Dimension (W×D×H)		375.0 mm × 329.3 mm × 53.0mm	375.0 mm × 329.3 mm × 53.0 mm (14.76" × 12.96" × 2.09")	1U, 375.0 mm × 327.4 mm × 53.0 mm (14.76" × 12.89" × 2.09")



NETWORK RECORDERS



Model	INS4414KN (Up to 16TB)	Model	INS324K (Up to 128TB)	INS644K (Up to 128TB)	INS128164K (Up to 128TB)
IP Camera Inputs	4 Channels	IP Camera Inputs	32 Channels	64 Channels	128 Channels
Interface	1 HDMI, 1 VGA	Interface	4 HDMI, 2 VGA	4 HDMI, 2 VGA	4 HDMI, 2 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720	RAID Support	RAID 0 / 1 / 5 / 6 / 10	RAID 0 / 1 / 5 / 6 / 10	RAID 0 / 1 / 5 / 6 / 10
Display	1 / 4	Resolution	Max. resolution of HDMI3 is 8K; max. resolution of HDMI1 & HDMI2 is 4K; max. resolution of VGA1 & VGA2 / HDMI4 is 1080p	Max. resolution of HDMI3 is 8K; max. resolution of HDMI1 & HDMI2 is 4K; max. resolution of VGA1 & VGA2 / HDMI4 is 1080p	Max. resolution of HDMI3 is 8K; max. resolution of HDMI1 & HDMI2 is 4K; max. resolution of VGA1 & VGA2 / HDMI4 is 1080p
Compression	H.265+ / H.264+	Display	1st Screen: 1/4/8/9/16/25/36 2nd Screen: 1/4/8/9/16/25/36	1st Screen: 1/4/8/9/16/25/36/64 2nd Screen: 1/4/8/9/16/25/36	1st Screen: 1/4/8/9/16/25/36/64 2nd Screen: 1/4/8/9/16/25/36
Record Rate	80Mbps	Compression	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG
Events Alarm	Motion detection, privacy masking, video loss, scene changing, IPC external alarm, Record, snapshot, buzzer, log, preset, email, audio	Events Alarm	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips
Smart Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Tampering	Area Protector	24 channels (by recorder), 32 channels (by camera)	Up to 32 channels (by recorder), 64 channels (by camera)	Up to 32 channels (by recorder), 64 channels (by camera)
Alarm Inputs	N/A	Performance	Search for pictures by channel, time and event type	Search for pictures by channel, time and event type	Search for pictures by channel, time and event type
Relay Outputs	N/A	AI Search	4 channels (by recorder), 32 channels (by camera)	Up to 32 channels (by recorder), 64 channels (by camera)	Up to 32 channels (by recorder), 64 channels (by camera)
Audio in/out	1/1 Channel in & out / 2-way talk / RCA	Facial Recognition	Search for pictures by channel, time and face attributes	Search for pictures by channel, time and face attributes	Search for pictures by channel, time and face attributes
PoE	4 ports (IEEE802.3at/af)	Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.
Internal HDD	1 SATA III Port, up to 16 TB capacity for each HDD	Face	Gender, age, glasses, beard, mask	Gender, age, glasses, beard, mask	Gender, age, glasses, beard, mask
Power Supply / Consumption	DC 48V / 1.25A Less than 10W (without HDD)	Vehicle	Vehicle color, vehicle model, vehicle logo, etc.	Vehicle color, vehicle model, vehicle logo, etc.	Vehicle color, vehicle model, vehicle logo, etc.
Working Environment	-10°C to +55°C / Less than 90% RH / 86-106 kpa	Human body	Shirt style, Shirt color, Pants style, Pants color, hat, bag, etc.	Shirt style, Shirt color, Pants style, Pants color, hat, bag, etc.	Shirt style, Shirt color, Pants style, Pants color, hat, bag, etc.
Dimension (W×D×H)	Compact 1U, 260 mm × 232 mm × 47.6 mm	Non-motor Vehicle	Type, color, number of passengers, helmet on/off	Type, color, number of passengers, helmet on/off	Type, color, number of passengers, helmet on/off
		AI Search	Supports searching for target video by metadata	Supports searching for target video by metadata	Supports searching for target video by metadata
		Alarm In/Out	16 Inputs / 8 Outputs	16 Inputs / 8 Outputs	16 Inputs / 8 Outputs
		Audio In/Out	1 Input (RCA) / 2 Output (RCA)	1 Input (RCA) / 2 Output (RCA)	1 Input (RCA) / 2 Output (RCA)
		Bandwidth	Up to 800Mbps	Up to 800Mbps	Up to 1280Mbps
		eSATA	1 eSATA	1 eSATA	1 eSATA
		Internal HDD	8 SATA Ports, Up to 16 TB capacity for each HDD	8 SATA Ports, Up to 16 TB capacity for each HDD	8 SATA Ports, Up to 16 TB capacity for each HDD
		Power Supply / Consumption	Single, AC100V-240V, 50-60 Hz; < 18W (Without HDD)	Single, AC100V-240V, 50-60 Hz; < 18W (Without HDD)	Single, AC100V-240V, 50-60 Hz; < 18W (Without HDD)
		Working Environment	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH
		Dimension (W×D×H) / Weight	444.0 mm × 456.6 mm × 95.0 mm / 10.5 kg	444.0 mm × 476.0 mm × 95.0 mm / 12.24 kg	440.0 mm × 458.4 mm × 94.9 mm / 8.59 kg



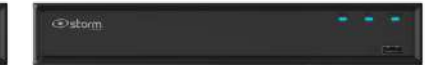
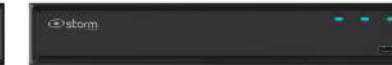
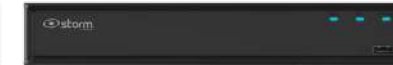
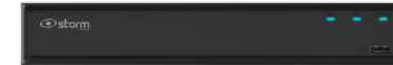
UNIVERSAL RECORDERS



Model		INS414KUVR (Up to 16TB)	INS814KUVR (Up to 16TB)	INS1614KUVR (Up to 16TB)	INS322UVR (Up to 32TB)
IP Camera Inputs		4 Channels, each channel up to 8MP	8 Channels, each channel up to 8MP	16 Channels, each channel up to 8MP	32 Channels, each channel up to 6MP
HD over Coax Inputs		4 Channels, BNC	8 Channels, BNC	16 Channels, BNC	32 Channels, BNC
Interface		1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA, 1 TV
Resolution		CVI: 4K, 6MP, 5MP, 4MP, 1080p at 25/30 fps AHD: 4K, 5MP, 4MP, 1080p at 25/30 fps TVI: 4K, 5MP, 4MP, 1080p at 25/30 fps CVBS: PAL / NTSC	CVI: 4K, 6MP, 5MP, 4MP, 1080p at 25/30 fps AHD: 4K, 5MP, 4MP, 1080p at 25/30 fps TVI: 4K, 5MP, 4MP, 1080p at 25/30 fps	CVI: 4K, 6MP, 5MP, 4MP, 1080p at 25/30 fps AHD: 4K, 5MP, 4MP, 1080p at 25/30 fps TVI: 4K, 5MP, 4MP, 1080p at 25/30 fps	CVI: 5MP, 4MP, 1080p at 25/30 fps AHD: 5MP, 4MP, 1080p at 25/30 fps TVI: 5MP, 4MP, 1080p at 25/30 fps CVBS: PAL / NTSC
Display		When IP extension mode is not enabled: 1 / 4 When IP extension mode is enabled: 1 / 4 / 8 / 9	When IP extension mode is not enabled: 1 / 4 / 8 / 9 When IP extension mode is enabled: 1 / 4 / 8 / 9 / 16	When IP extension mode is not enabled: 1 / 4 / 8 / 9 / 16 When IP extension mode is enabled: 1 / 4 / 8 / 9 / 16 / 25 / 36	1 / 4 / 8 / 9 / 16 / 25 / 36
Compression		AI Coding / H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264	AI Coding / H.265+ / H.265 / H.264+ / H.264
Events Alarm		Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips	Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips
Area Protector	Performance	Up to 4 channels, 10 Smart functions for each channel	Up to 8 channels, 10 Smart functions for each channel	Up to 8 channels, 10 Smart functions for each channel	Up to 4 channels, 10 Smart functions for each channel
	Object classification	Human/Vehicle secondary recognition for tripwire and intrusion	Human/Vehicle secondary recognition for tripwire and intrusion	Human/Vehicle secondary recognition for tripwire and intrusion	Human/Vehicle secondary recognition for tripwire and intrusion
	AI Search	Search by target classification (Human, Vehicle)	Search by target classification (Human, Vehicle)	Search by target classification (Human, Vehicle)	Search by target classification (Human, Vehicle)
Facial Recognition	Performance	Processing Max 8 facial pictures per sec	Processing Max 12 facial pictures per sec 2 channels can use face recognition analytics (supports analog cameras only)	Processing Max 12 facial pictures per sec 2 channels can use face recognition analytics (supports analog cameras only)	Processing Max 12 facial pictures per sec 2 channels can use face recognition analytics (supports analog cameras only)
	Stranger mode	Detects strangers' faces (Faces that are not in the UVR database) Threshold can be set manually	Detects strangers' faces (Faces that are not in the UVR database) Threshold can be set manually	Detects strangers' faces (Faces that are not in the UVR database) Threshold can be set manually	Detects strangers' faces (Faces that are not in the UVR database) Threshold can be set manually
	AI Search	Up to 8 faces search at the same time, Threshold can be set for each face search	Up to 8 faces search at the same time, Threshold can be set for each face search	Up to 8 faces search at the same time, Threshold can be set for each face search	Up to 8 faces search at the same time, Threshold can be set for each face search
	Database Management	Up to 200,000 picture of faces. You can link additional information to each picture (Name, gender, birthday, etc.)	Up to 200,000 picture of faces. You can link additional information to each picture (Name, gender, birthday, etc.)	Up to 200,000 picture of faces. You can link additional information to each picture (Name, gender, birthday, etc.)	Up to 100,000 picture of faces. You can link additional information to each picture (Name, gender, birthday, etc.)
	Database Application	Each database can be applied to any channel	Each database can be applied to any channel	Each database can be applied to any channel	Each database can be applied to any channel
	Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.
Audio Compression		G.711A; G.711U; PCM	G.711A; G.711U; PCM	G.711A, G.711U, PCM	G.711A, G.711U, PCM
Audio In/Out		1 Input (RCA), 4 (BNC, Coaxial Audio) / 1 Output (RCA)	1 Input (RCA); 8 Inputs (BNC) / 1 Output (RCA)	1 Input (RCA); 16 Inputs (BNC) / 1 Output (RCA)	1 Input (RCA); 32 Inputs (BNC) / 1 Output (RCA)
Bit Rate		32 kbps – 6144 kbps per channel	32 Kbps – 6144 Kbps Per Channel	32 Kbps – 6144 Kbps Per Channel	32 Kbps – 6144 Kbps Per Channel
Network Interface		1 RJ-45 Port (100 Mbps)	1 RJ-45 Port (10 / 100 / 1000 Mbps)	1 RJ-45 Port (1000 MB)	1 RJ-45 Port (1000 MB)
Internal HDD		1 SATA Port, Up to 16 TB	1 SATA Port, Up to 16 TB	1 SATA Port, Up to 16 TB	2 SATA Ports, up to 16TB capacity for each HDD
Power Supply / Consumption		DC 12V/2A; Less than 7W	DC 12V/2A; Less than 7W	DC 12V/3A; Less than 15W	DC 12V/5A; Less than 16W
Working Environment		-10°C to +55°C / Less than 90% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 90% RH	-10°C to +55°C / Less than 90% RH
Dimension (WxDxH) / Weight		325.0 mm × 257.2 mm × 55.0 mm / 1.76 kg	325.0 mm × 257.2 mm × 55.0 mm / 1.76 kg	325.0 mm × 257.2 mm × 55.0 mm / 2.1 kg	375.0 mm × 289 mm × 53.0 mm / 3.2 kg



UNIVERSAL & IP RECORDERS



Model		INS2U7816S (Up to 128TB)	Model	INS441N1T (Up to 16TB)	INS881N (Up to 10TB)	INS881NK2T (Up to 16TB)	INS1616N4T (Up to 16TB)	
IP Camera Inputs		16 + 16 Channels, each channel up to 12MP	IP Camera Inputs		4 Channels	8 Channels	8 Channels	16 Channels
HD over Coax Inputs		16 Channels, BNC	Interface		1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Interface		2 HDMI(up to 4K), 1 VGA, 1 TV	Resolution		3840×2160, 1920×1080, 1280×1024, 1280×720	3840×2160, 1920×1080, 1280×1024, 1280×720	3840×2160, 1920×1080, 1280×1024, 1280×720	3840×2160, 1920×1080, 1280×1024, 1280×720
Resolution		CVI: 4K, 6MP, 5MP, 4MP, 1080p at 25/30 fps AHD: 4K, 5MP, 4MP, 1080p at 25/30 fps TVI: 4K, 5MP, 4MP, 1080p at 25/30 fps CVBS: PAL / NTSC	Display		1 / 4	1 / 4 / 8 / 9	1 / 4 / 8 / 9	1 / 4 / 8 / 9 / 16
Display		When IP extension mode is not enabled: 1/4/8/9/16 When IP extension mode is enabled: 1/4/8/9/16/25/36	Compression		H.265+; H.264+; H.265; H.264; MJPEG	H.265+; H.264+; H.265; H.264; MJPEG	H.265+; H.264+; H.265; H.264; MJPEG	H.265+; H.264+; H.265; H.264; MJPEG
Compression		AI Coding / H.265+ / H.265 / H.264+ / H.264	Network Bandwidth		80Mbps	144Mbps	80Mbps	80Mbps
Events Alarm		Motion Detection, Video Loss, Tampering, Scene Change, Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips	Events Alarm		Motion detection, privacy masking, video loss, scene changing, IPC external alarm, Record, snapshot, buzzer, log, preset, email, audio	Motion detection, privacy masking, video loss, scene changing, IPC external alarm, Record, snapshot, buzzer, log, preset, email, audio	Motion detection, privacy masking, video loss, scene changing, IPC external alarm, Record, snapshot, buzzer, log, preset, email, audio	Motion detection, privacy masking, video loss, scene changing, IPC external alarm, Record, snapshot, buzzer, log, preset, email, audio
Area Protector	Performance	Up to 12 channels, 10 Smart functions for each channel	Area Protector of AI by Camera (Performance)		4 channels	4 channels	4 channels	4 channels
	Object classificatio	Human/Vehicle secondary recognition for tripwire and intrusion	Smart Motion Detection of AI by Camera (Performance)		4 channels, human and vehicle recognition, reducing false alarms	6 channels, human and vehicle recognition, reducing false alarms	4 channels, human and vehicle recognition, reducing false alarms	4 channels, human and vehicle recognition, reducing false alarms
	AI Search	Search by target classification (Human, Vehicle)	Alarm In/Out		N/A	N/A	N/A	N/A
Facial Recognition	Performance	Processing Max 12 facial pictures per sec	Audio in/out		1/1 Channel in & out	1/1 Channel in & out	1/1 Channel in & out	1/1 Channel in & out
	Stranger mode	Detects strangers' faces (Faces that are not in the UVR database) Threshold can be set manually	PoE		4 ports (IEEE802.3at/af)	8 ports (IEEE802.3at/af)	8 ports (IEEE802.3at/af)	N/A
	AI Search	Up to 8 faces search at the same time, Threshold can be set for each face search	Internal HDD		1 SATA port, up to 16 TB (1TB HDD installed)	1 SATA port, up to 10 TB	1 SATA port, up to 16 TB (2TB HDD installed)	1 SATA port, up to 16 TB (4TB HDD installed)
	Database Management	Up to 200,000 picture of faces. You can link additional information to each picture (Name, gender, birthday, etc.)	Power Supply / Consumption		DC 48/53V / 1.25/1.13 A Less than 36W (without HDD)	DC 53V / 1.8 A Less than 72W (without HDD)	DC 48/53V / 2.0/1.8 A Less than 72W (without HDD)	DC 12V / 1.5 A Less than 10W (without HDD)
	Database Application	Each database can be applied to any channel	Working Environment		-10°C to +55°C / Less than 90% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Dimension (W×D×H) / Weight		204.6 mm × 206.4 mm × 45.6 mm	260 mm × 232.3 mm × 50.3 mm	260 mm × 232.7 mm × 47.6 mm	260 mm × 232.7 mm × 47.6 mm	
Audio Compression		G.711A; G.711U; PCM	Internal HDD		1 SATA port, up to 16 TB (1TB HDD installed)	1 SATA port, up to 10 TB	1 SATA port, up to 16 TB (2TB HDD installed)	1 SATA port, up to 16 TB (4TB HDD installed)
Audio In/Out		16/1 Channel in & out / 2-way talk 1 ch BNC	Power Supply / Consumption		DC 48/53V / 1.25/1.13 A Less than 36W (without HDD)	DC 53V / 1.8 A Less than 72W (without HDD)	DC 48/53V / 2.0/1.8 A Less than 72W (without HDD)	DC 12V / 1.5 A Less than 10W (without HDD)
Bit Rate		32 kbps–8192 kbps per channel	Working Environment		-10°C to +55°C / Less than 90% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH
Network Interface		2 RJ-45 10/100/1000 Mbps	Dimension (W×D×H) / Weight		204.6 mm × 206.4 mm × 45.6 mm	260 mm × 232.3 mm × 50.3 mm	260 mm × 232.7 mm × 47.6 mm	260 mm × 232.7 mm × 47.6 mm
Internal HDD		8 SATA Ports, up to 16 TB capacity for each HDD	Power Supply / Consumption		DC 48/53V / 1.25/1.13 A Less than 36W (without HDD)	DC 53V / 1.8 A Less than 72W (without HDD)	DC 48/53V / 2.0/1.8 A Less than 72W (without HDD)	DC 12V / 1.5 A Less than 10W (without HDD)
Power Supply / Consumption		100-240 VAC, 50/60 Hz; Less than 30 W	Working Environment		-10°C to +55°C / Less than 90% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH	-10°C to +55°C / Less than 93% RH
Working Environment		-10°C to +55°C / Less than 90% RH	Dimension (W×D×H) / Weight		204.6 mm × 206.4 mm × 45.6 mm	260 mm × 232.3 mm × 50.3 mm	260 mm × 232.7 mm × 47.6 mm	260 mm × 232.7 mm × 47.6 mm
Dimension (W×D×H) / Weight		2U, 439.9 mm × 455.6 mm × 94.9 mm / 9.5 kg	Power Supply / Consumption		DC 48/53V / 1.25/1.13 A Less than 36W (without HDD)	DC 53V / 1.8 A Less than 72W (without HDD)	DC 48/53V / 2.0/1.8 A Less than 72W (without HDD)	DC 12V / 1.5 A Less than 10W (without HDD)

ACCESSORIES




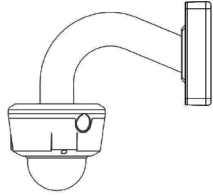

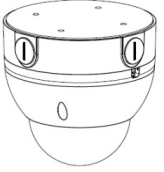

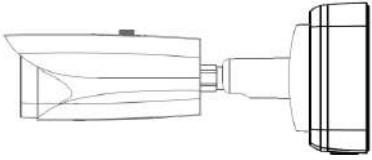

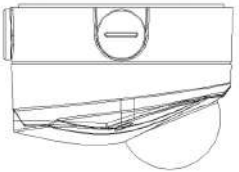

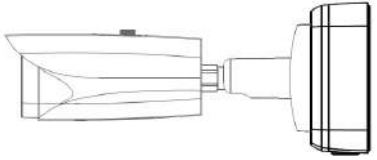

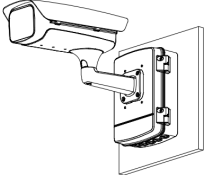

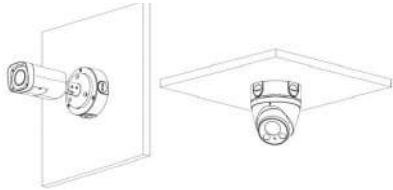

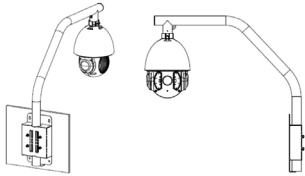

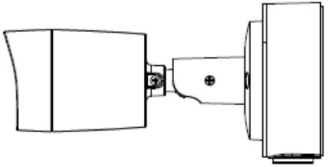



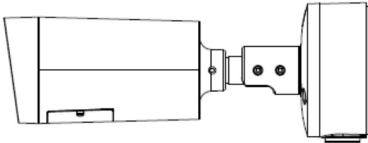



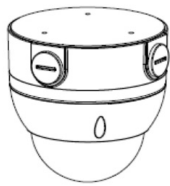

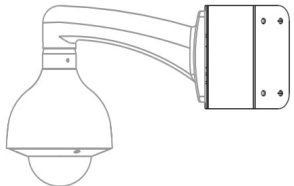

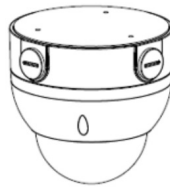

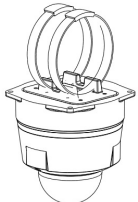
Inaxsys offers you a vast range of different camera mounting accessory options.

You can choose between wall mounts, ceiling mounts, pole mounts and parapet mounts - we have the option that best suits your installation environment.


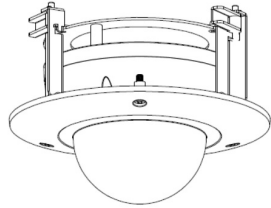

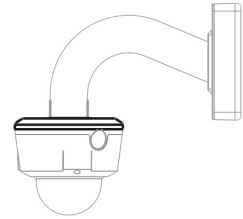

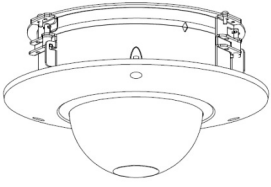

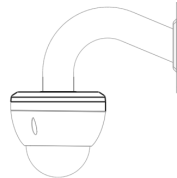

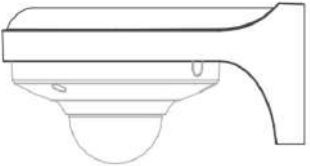



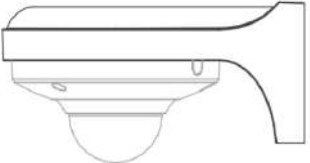

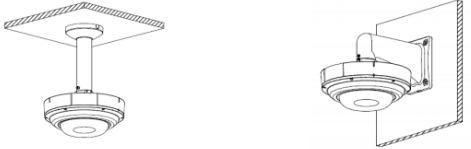

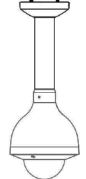

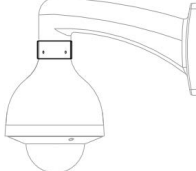

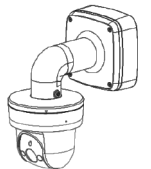

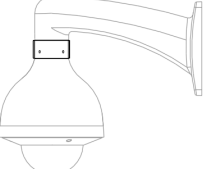



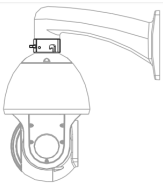








ACCESSORIES


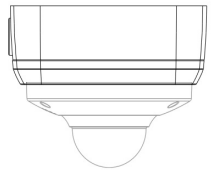

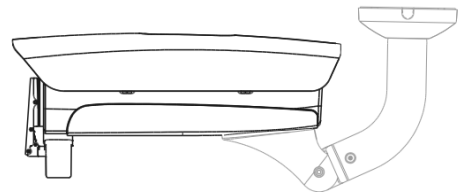

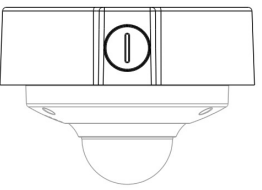

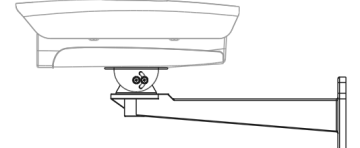



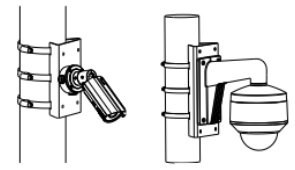

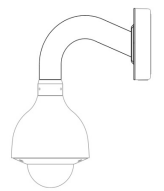

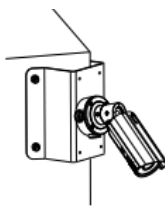

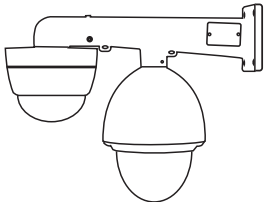

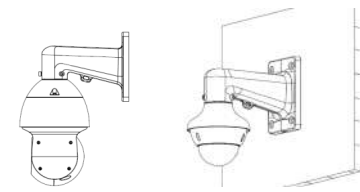

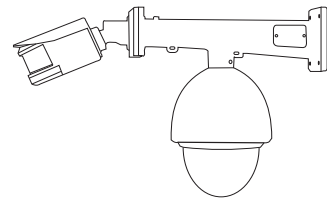

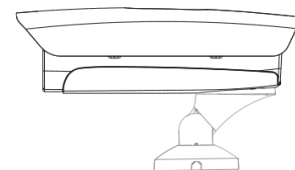




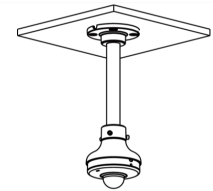

Model	Dimension	Application	Model	Dimension	Application
INSX120	 115mm x 160mm x 35mm		INSX138	 160mm x 160mm x 37mm	
INSX121	 135mm x 135mm x 55mm		INSX139	 108mm x 28.5mm	
INSX122	 135mm x 135mm x 55mm		INSX140	 297mm x 248mm x 107mm	
INSX130 (Black option available)	 124mm x 41mm		INSPARA	 878.5mm x 824.0mm x 180.0mm	
INSX134	 90mm x 39mm		INSX112	 52mm x 220mm	
INSX135	 90mm x 32mm		INSX150	 170mm x 130mm x 45mm	
INSX136 (Black option available)	 110mm x 32mm		INSX151	 270mm x 170mm x 150mm	
INSX137	 120mm x 32mm		INSX152	 118mm x 87mm x 21mm	






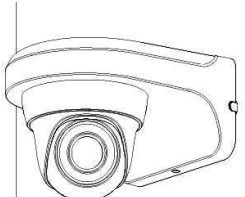

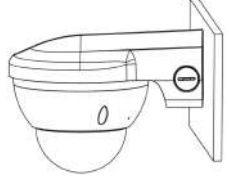

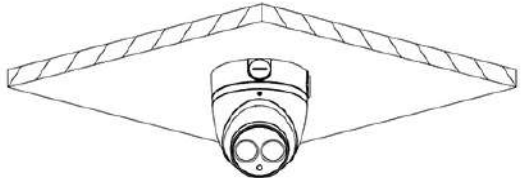

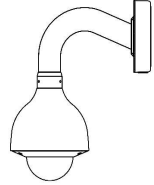

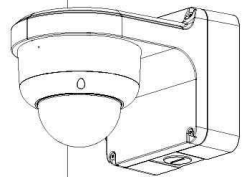





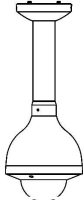

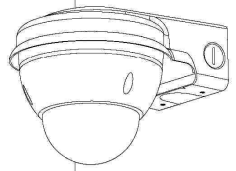

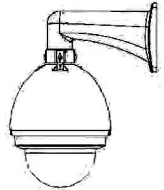

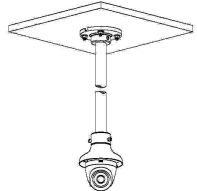



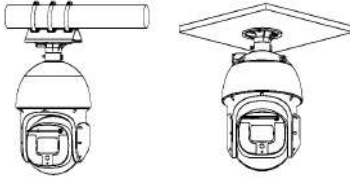

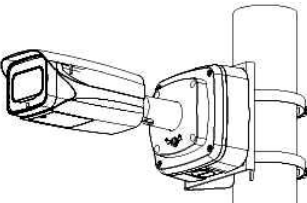

Model	Dimension	Application	Model	Dimension	Application
INSX200C	 166.0mm x 75.8mm		INSX100	 150.8mm x 37mm	
INSX201C	 211mm x 88mm		INSX101	 159mm x 34.6mm	
INSX203 (Black option available)	 160mm x 122mm x 76mm		INSX106	 134.1mm x 83.5mm	
INSX204 (Black option available)	 160mm x 122mm x 76mm		INSX108	 140mm x 39.5mm	
INSX300	 134mm x 235mm		INSX110	 59mm x 53mm	
INSX302	 134mm x 134mm x 187.5mm		INSX111	 60mm x 49mm	
INSX303	 115mm x 160mm x 255mm		INSX114	 60mm x 50.5mm	
INSX605	 92.0 mm x 121.30 mm x 284.50 mm		INSX200W	 129.3mm x 127mm x 147mm	



ACCESSORIES

Model	Dimension	Application	Model	Dimension	Application
INSX123	 135mm x 135mm x 55mm		INSX600	 314mm x 250mm x 133mm	
INSX131	 137mm x 42mm		INSX602	 109mm x 300mm x 82mm	
INSX132	 150mm x 150mm x 40mm		INSX1275ZJ	 127mm x 46mm x 250mm	
INSX300S	 115mm x 160mm x 228mm		INSX1276ZJ	 126mm x 105mm x 250mm	
INSX412	 100mm x 146mm x 264mm		INSX305	 200mm x 160mm 115mm	
INSX413	 115mm x 160mm x 255mm		INSX601	 133.6mm x 203.4mm	
INSX117	 42mm x 780mm		INSXBALUN		
INSX220C	 128.8mm x 767mm		INSXUFC		



Model	Dimension	Application	Model	Dimension	Application
INSX303SL	 115mm x 160mm x 261mm		INSX205W	 161.6mm x 125.6mm x 76.0mm	
INSX720WA	 231mm x 172mm x 85.8mm		INSX13AE	 Φ96.7mm x 37.2mm	
INSBB	 160mm x 115mm x 37mm		INSX206W	 222mm x 161mm x 144mm	
INSX120G	 115mm x 160mm x 38.8mm		INSX773	 154.4mm x 69.4mm x 97.5mm	
INSX300G	 133.6mm x 235.5mm		INSX211W	 235mm x 180mm x 84mm	
INSX303G	 115mm x 160mm x 255mm		INSX109	 134mm x 134mm x 83.5mm	
INSX150G	 170mm x 130.4mm x 45mm		INSX301	 φ128.8mm x 35.5mm	
INSX156	 140mm x 130.4mm x 45mm		INSJOYNKB1		

CAMERA AND RECORDER KITS



Our Plug and Play kits are a perfect opportunity to secure your environment without worrying about all the details. These kits were tailor-made to be efficient and easy to set up at an affordable price.



PLUG AND PLAY KITS

<p>INSK4414KN1TD</p> <p>Kit Includes: 1 x 4 Channel 1TB 4K NVR (INS4414KN1T) 4 x 2 MP Dome Cameras (INSDO2IRF)</p>	<p>INSK4414K4N1TD</p> <p>Kit Includes: 1 x 4 Channel 1TB 4K NVR (INS4414KN1T) 4 x 4.1 MP Dome Cameras (INSDO4IRF)</p>	<p>INSK8824KN2TD</p> <p>Kit Includes: 1 x 8 Channel 2TB 4K NVR (INS8824KN2T) 4 x 2 MP Dome Cameras (INSDO2IRF)</p>	<p>INSK881N2TD</p> <p>Kit Includes: 1 x 8 Channel 2TB NVR (INS881N) 4 x 2 MP Dome Cameras (INSDO2IRF)</p>	<p>INSK8814N2TD</p> <p>Kit Includes: 1 x 8 Channel 2TB 4K NVR (INS161624KN2T) 4 x 4.1 MP Dome Cameras (INSDO4IRF)</p>
<p>INSK4414KN1TB</p> <p>Kit Includes: 1 x 4 Channel 1TB 4K NVR (INS4414KN1T) 4 x 2 MP Bullet Cameras (INSBO2IRF)</p>	<p>INSK4414K4N1TB</p> <p>Kit Includes: 1 x 4 Channel 1TB 4K NVR (INS4414KN1T) 4 x 4.1 MP Bullet Cameras (INSBO4IRF)</p>	<p>INSK8824KN2TB</p> <p>Kit Includes: 1 x 8 Channel 2TB 4K NVR (INS8824KN2T) 4 x 2 MP Bullet Cameras (INSBO2IRF)</p>	<p>INSK881N2TB</p> <p>Kit Includes: 1 x 8 Channel 2TB NVR (INS881N) 4 x 2 MP Bullet Cameras (INSBO2IRF)</p>	<p>INSK8814N2TB</p> <p>Kit Includes: 1 x 8 Channel 2TB 4K NVR (INS161624KN2T) 4 x 4.1 MP Bullet Cameras (INSBO4IRF)</p>
<p>INSK4414KN1TDB</p> <p>Kit Includes: 1 x 4 Channel 1TB 4K NVR (INS4414KN1T) 2 x 2 MP Dome Cameras (INSDO2IRF) 2 x 2 MP Bullet Cameras (INSBO2IRF)</p>	<p>INSK4414K4N1TDB</p> <p>Kit Includes: 1 x 4 Channel 1TB 4K NVR (INS4414KN1T) 2 x 4.1 MP Dome Cameras (INSDO4IRF) 2 x 4.1 MP Bullet Cameras (INSBO4IRF)</p>	<p>INSK8824KN2TDB</p> <p>Kit Includes: 1 x 8 Channel 2TB 4K NVR (INS8824KN2T) 2 x 2 MP Dome Cameras (INSDO2IRF) 2 x 2 MP Bullet Cameras (INSBO2IRF)</p>	<p>INSK881N2TDB</p> <p>Kit Includes: 1 x 8 Channel 2TB NVR (INS881N) 2 x 2 MP Dome Cameras (INSDO2IRF) 2 x 2 MP Bullet Cameras (INSBO2IRF)</p>	<p>INSK8814NT2TDB</p> <p>Kit Includes: 1 x 8 Channel 2TB 4K NVR (INS161624KN2T) 2 x 4.1 MP Dome Cameras (INSDO4IRF) 2 x 4.1 MP Bullet Cameras (INSBO4IRF)</p>

CAMERA AND RECORDER KITS



INSK8161624KN2TD

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
8 x 2 MP Dome Cameras (INSO2IRF)

INSK84161624KN2TD

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
8 x 4.1 MP Dome Cameras (INSO4IRF)

INSK161624KN2TD

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
4 x 2 MP Dome Cameras (INSO2IRF)

INSK8818NT2TT

Kit includes:
8 x 4 MP Turret Cameras (INSTO4IRWF)
1 x 8 Channel (INS8824KN)

INSK8161624KN2TB

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
8 x 2 MP Bullet Cameras (INSBO2IRF)

INSK84161624KN2TB

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
8 x 4.1 MP Bullet Cameras (INSBO4IRF)

INSK161624KN2TB

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
4 x 2 MP Bullet Cameras (INSBO2IRF)

INSK124161624KN4TT

Kit includes:
12 x 4 MP Turret Cameras (INSTO4IRWF)
1 x 16 Channel (INS161624KN)

INSK8161624KN2TDB

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
4 x 2 MP Dome Cameras (INSO2IRF)
4 x 2 MP Bullet Cameras (INSBO2IRF)

INSK84161624KN2TDB

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
4 x 4.1 MP Dome Cameras (INSO4IRF)
4 x 4.1 MP Bullet Cameras (INSBO4IRF)

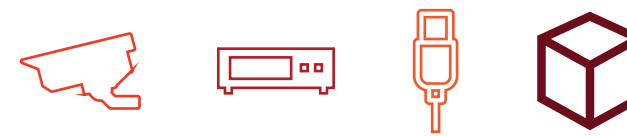
INSK161624KN2TDB

Kit Includes:
1 x 16 Channel 2TB 4K NVR (INS161624KN)
2 x 2 MP Dome Cameras (INSO2IRF)
2 x 2 MP Bullet Cameras (INSBO2IRF)

INSK164161624KN4TT

Kit includes:
16 x 4 MP Turret Camera (INSTO4IRWF)
1 x 8 Channel (INS161624KN)

CAMERA AND RECORDER KITS



PLUG AND PLAY KITS

INSKUVRB44T

Kit includes:
4 x 5 MP Turret Cameras (INSTO5IRUF)
1 x 4 Channel (INS414KUVR) and 4 Baluns

INS4K8824KN2TD

Kit includes:
2 x 4K Dome Cameras (INSDO4KIRF)
1 x 8 Channel (INS8824KN)

INSKUVRB88T

Kit includes:
8 x 5 MP Turret Cameras (INSTO5IRUF)
1 x 8 Channel (INS814KUVR) and 8 Baluns

INS4K8824KN2TB

Kit includes:
2 x 4K Bullet Cameras (INSBO4KIRF)
1 x 8 Channel (INS8824KN)

INSKUVRB1612T

Kit includes:
12 x 5 MP Turret Cameras (INSTO5IRUF)
1 x 16 Channel (INS1614KUVR) and 12 Baluns

INS4K8824KN2TDB

Kit includes:
1 x 4K Dome Camera (INSDO4KIRF)
1 x 4K Bullet Camera (INSBO4KIRF)
1 x 8 Channel (INS8824KN)

UNIVERSAL CAMERA AND RECORDER KITS

4K CAMERA AND RECORDER KITS



STORM PRODUCT GUIDE

Inaxsys Security Systems Inc.
Montreal, Quebec

www.inaxsys.com

