LEGEND NX

PRODUCT GUIDE

UPDATED MARCH 2026

LEGENDNX

PART NUMBER	LGNXBO5IQWA	LGNXBO4KIQWA	LGNXBO4KDIWF
CAMERA			
IMAGE SENSOR	1/2.7" Progressive Scan CMOS Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
MAXIMUM RESOLUTION	5MP (2880 x 1620)	8MP (3840 × 2160) – 4K	8MP (3840 × 2160) – 4K
MINIMUM ILLUMINATION	0.006 lux (Colour) / 0 lux (IR On)	0.006 lux (Colour) / 0 lux with IR	0.006 lux (Colour) / 0 lux with Light
ILLUMINATION RANGE	***Smart IR*** – 70 m / 229.7 ft	***Smart IR –*** 70 m	***IR + Warm Light –*** up to 30 m
DAY / NIGHT	IR Cut Filter	IR Cut Filter	IR Cut Filter
PAN / TILT/ ROTATION	0°–360° / 0°–90° / 0°–360°	0°–360° / 0°–90° / 0°–360°	0°–360° / 0°–90° / 0°–360°
LENS			
FOCAL LENGTH	2.7 – 13.5mm (Motorized)	2.7 – 13.5mm (Motorized)	2.8 mm (Fixed)
APERTURE	F1.6	F1.6	F1.6
FIELD OF VIEW	H: 112°–35.5° • V: 59°–20° • D: 134°–41°	H: 108°–34° • V: 58°–19° • D: 130°–39°	H: 110° • V: 58° • D: 128°
MOUNT	Φ14	Φ14	M12
IMAGE ENHANCEMENT			
WIDE DYNAMIC RANGE	120 dB True WDR	120 dB True WDR	120 dB True WDR
IMAGE FEATURES	BLC • HLC • ROI • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation
DORI DISTANCE			
DETECT	72 m - 206 m	93 m – 274 m	54 m
OBSERVE	27.9 m - 81.5 m	36.3 m – 108.1 m	22 m
RECOGNIZE	14 m - 40.8 m	18.2 m – 54.4 m	11 m
IDENTIFY	7 m - 20.4 m	9.1 m – 27.2 m	5.5 m
VIDEO & COMPRESSION			
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG
MAX FRAME RATE	5MP @ 30fps	8MP @ 30fps	8MP @ 20fps
STREAMS	Triple Stream	Triple Stream	Triple Stream
BIT RATE	11 Kbps ~ 10 Mbps	11 Kbps – 16 Mbps	11 Kbps – 13 Mbps
AUDIO	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U
AI FEATURES			
INTELLIGENT DETECTION	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Loitering Detection, Scene Change Detection	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering
ACTIVE DETERRENCE	N/A	N/A	Red / Blue Light
INTERFACE			
AUDIO INPUT / OUTPUT	1 / 1	1 / 1	N/A
ALARM INPUT / OUTPUT	1 / 1	1 / 1	N/A
BUILT-IN	Microphone	Microphone	Microphone
STORAGE	Up to 256GB	Up to 256GB	Up to 256GB
NETWORK	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)
POWER & ENVIRONMENT			
POWER	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)
CONSUMPTION	< 9.5W	< 11W	< 6.5W
OPERATING TEMPERATURE	-40°C to 60°C	-40°C to 60°C	-30°C to 60°C
PROTECTION	IP67	IP67	IP67
HOUSING	Metal	Metal	Metal
MECHANICAL			
DIMENSIONS	Φ 76 × 215.8 mm	Φ76 × 215.8 mm	Φ68 × 172.3 mm
WEIGHT	980 g	980 g	485 g
ACCESSORIES			
ACCESSORIES	***LGNXLB10 – Junction Box*** ***XLGNXPM03 – Pole Mount***	***LGNXLB10 – Junction Box*** ***XLGNXPM03 – Pole Mount***	***XLGNXLB10 – Junction Box*** ***XLGNXPM03 – Pole Mount***

LEGENDNX

PART NUMBER	LGNXTO4IRF	LGNXTO4CVLWF / LGNXTO4CVLWFB	LGNXTO4CVWF	LGNXTO4KCVWF	LGNXTO4CV3WF
CAMERA					
IMAGE SENSOR	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
MAXIMUM RESOLUTION	4MP (2688 × 1520)	4MP (2688 × 1520)	4MP (2688 × 1520)	8MP (3840 × 2160) – 4K	4MP (2688 × 1520)
MINIMUM ILLUMINATION	0.03 lux (Colour) / 0.003 lux (B/W) / 0 lux (IR On)	0.004 lux @ F1.0	0.0005 lux (Colour) / 0 lux with light	0.0008 lux (Colour) / 0 lux with light	0.0005 lux (Colour) / 0 lux with warm light
ILLUMINATION RANGE	***Smart IR*** – up to 30 m	***IR*** up to 30 m	***Warm Light*** – up to 30 m	***Warm Light*** – up to 30 m	***Warm Light*** – up to 30 m
DAY / NIGHT	IR Cut Filter	24/7 Full Color (CHROMAVIEW LITE)	24/7 Full Color (ChromaView)	24/7 Full Color (ChromaView)	24/7 Full Color (ChromaView PLUS)
PAN / TILT/ ROTATION	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°
LENS					
FOCAL LENGTH	2.8 mm (Fixed)	2.8 mm (Fixed)	2.8 mm (Fixed)	2.8 mm (Fixed)	2.8 mm (Fixed)
APERTURE	F2.0	F1.0 (Ultra Bright)	F1.0	F1.0	F1.0
FIELD OF VIEW	H: 101° • V: 56° • D: 118°	H: 101° • V: 54° • D: 120°	H: 112° • V: 60° • D: 131°	H: 111° • V: 60° • D: 130°	H: 110° • V: 59° • D: 130°
MOUNT	M12	M12	M16	M16	M16
IMAGE ENHANCEMENT					
WIDE DYNAMIC RANGE	DWDR	120 dB True WDR	130 dB True WDR	130 dB True WDR	120 dB True WDR
IMAGE FEATURES	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	AI-ISP • BLC • HLC • ROI • 2D/3D DNR • Rotation
DORI DISTANCE					
DETECT	57 m	57 m	60 m	86 m	57 m
OBSERVE	23 m	23 m	23.5 m	33.5 m	23 m
RECOGNIZE	11 m	11 m	11.8 m	16.7 m	11 m
IDENTIFY	5.7 m	5.7 m	5.9 m	8.4 m	6 m
VIDEO & COMPRESSION					
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG
MAX FRAME RATE	4MP @ 30fps	4MP @ 30fps	4MP @ 30fps	8MP @ 30fps	4MP @ 20fps
STREAMS	Triple Stream	Triple Stream	Triple Stream	Triple Stream	Triple Stream
BIT RATE	11 Kbps – 6 Mbps	11 Kbps – 6 Mbps	11 Kbps – 10 Mbps	11 Kbps – 16 Mbps	11 Kbps – 10 Mbps
AUDIO	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U
AI FEATURES					
INTELLIGENT DETECTION	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection, Loitering Detection	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection, Loitering Detection	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering
ACTIVE DETERRENCE	N/A	N/A	N/A	N/A	N/A
INTERFACE					
AUDIO INPUT / OUTPUT	N/A	N/A	1 / 1	1 / 1	N/A
ALARM INPUT / OUTPUT	N/A	N/A	1 / 1	1 / 1	N/A
BUILT-IN	Microphone	Microphone	Microphone	Microphone	Michrophone
STORAGE	N/A	Up to 256GB	Up to 256GB	Up to 256GB	Up to 256GB
NETWORK	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)
POWER & ENVIRONMENT					
POWER	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)
CONSUMPTION	< 4.7W	< 5.4W	< 7W	< 8W	<7.3W
OPERATING TEMPERATURE	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
PROTECTION	IP67 / IK10	IP67 / 2kV Surge Protection	IP67	IP67	IP67
HOUSING	Metal	Metal	Metal	Metal	Metal
MECHANICAL					
DIMENSIONS	Φ103.5 × 82.4 mm	Φ103.5 × 82.4 mm	Ø140 × 104.7 mm	Ø140 × 104.7 mm	Ø128 × 105.1 mm
WEIGHT	450 g	450 g	870 g	870 g	715 g
ACCESSORIES					
ACCESSORIES	***XLGNXLB10 / XLGNXLB10B – Junction Box*** ***XLGNXLB14C / XLGNXLB14CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB10 / XLGNXLB10B – Junction Box*** ***XLGNXLB14C / XLGNXLB14CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***

LEGENDNX

PART NUMBER	LGNXTO4KADCV3WF	LGNXTO5ADWF	LGNXTO4KADWF	LGNXTO5DIWF / LGNXTO5DIWFB	LGNXTO4KDIWF / LGNXTO4KDIWFB
CAMERA					
IMAGE SENSOR	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
MAXIMUM RESOLUTION	8MP (3840 × 2160) – 4K	5MP (2880 × 1620)	8MP (3840 × 2160) – 4K	5MP (2960 × 1664)	8MP (3840 × 2160) – 4K
MINIMUM ILLUMINATION	0.0006 lux (Colour) / 0 lux with light	0.003 lux (Colour) / 0 lux with IR	0.003 lux (Colour) / 0 lux with IR	0.006 lux (Colour) / 0 lux with Light	0.006 lux (Color) / 0 lux with Light
ILLUMINATION RANGE	***IR + Warm Light –*** up to 30 m	***IR + Warm Light –*** up to 30 m	***IR + Warm Light –*** up to 30 m	***IR + Warm Light –*** up to 30 m	***IR + Warm Light – up to 30 m***
DAY / NIGHT	IR Cut Filter / 24-7 Color	24/7 Full Color (CHROMAVIEW LITE)	IR Cut Filter	IR Cut Filter	IR Cut Filter
PAN / TILT/ ROTATION	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°
LENS					
FOCAL LENGTH	2.8 mm (Fixed)	2.8 mm (Fixed)	2.8 mm (Fixed)	2.8 mm (Fixed)	2.8 mm (Fixed)
APERTURE	F1.0	F1.0	F1.0	F1.6	F1.6
FIELD OF VIEW	H: 110° • V: 60° • D: 132°	H: 103° • V: 55° • D: 122°	H: 105° • V: 56° • D: 126°	H: 114° • V: 61° • D: 135°	H: 110° • V: 58° • D: 128°
MOUNT	M16	M12	M12	M12	M12
IMAGE ENHANCEMENT					
WIDE DYNAMIC RANGE	130 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
IMAGE FEATURES	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation
DORI DISTANCE					
DETECT	54 m	67 m	94 m	38.4 m	54 m
OBSERVE	22 m	25.9 m	36.7 m	15.5 m	22 m
RECOGNIZE	11 m	13 m	18.4 m	7.7 m	11 m
IDENTIFY	5.5 m	6.5 m	9.2 m	3.8 m	5.5 m
VIDEO & COMPRESSION					
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG
MAX FRAME RATE	8MP @ 30fps	5MP @ 30fps	8MP @ 30fps	5MP @ 20fps	8MP @ 20fps
STREAMS	Triple Stream	Triple Stream	Triple Stream	Triple Stream	Triple Stream
BIT RATE	11 Kbps – 16 Mbps	11 Kbps – 10 Mbps	11 Kbps – 16 Mbps	11 Kbps – 10 Mbps	11 Kbps – 13 Mbps
AUDIO	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U
AI FEATURES					
INTELLIGENT DETECTION	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection, Loitering Detection, People Counting	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection, Loitering Detection	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection, Loitering Detection	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering
ACTIVE DETERRENCE	Red / Blue Lights + Audible Warning	Red / Blue Lights + Audible Warning	Red / Blue Lights + Audible Warning	Red / Blue Lights	Red / Blue Lights
INTERFACE					
AUDIO INPUT / OUTPUT	1 / 1	1 / 1	1 / 1	N/A	N/A
ALARM INPUT / OUTPUT	1 / 1	1 / 1	1 / 1	N/A	N/A
BUILT-IN	Microphone, Speaker	Microphone, Speaker	Microphone, Speaker	Microphone	Michrophone
STORAGE	Up to 512GB	Up to 256GB	Up to 256GB	Up to 256GB	Up to 256GB
NETWORK	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)
POWER & ENVIRONMENT					
POWER	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)
CONSUMPTION	< 11.5W	< 8W	< 9.5W	< 6W	<6.5W
OPERATING TEMPERATURE	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
PROTECTION	IP67 / 6 kV Surge Protection	IP67	IP67	IP67	IP67
HOUSING	Metal	Metal	Metal	Metal	Metal
MECHANICAL					
DIMENSIONS	Ø128 × 105.1 mm	Ø144.5 × 113.5 mm	Ø144.5 × 113.5 mm	Ø103.5 × 82.4 mm	Ø103.5 × 82.4 mm
WEIGHT	750 g	1045 g	1045 g	450 g	450 g
ACCESSORIES					
ACCESSORIES	***XLGNXLB12C / XLGNXLB12CB – Junction Box XLGNXLB07C / XLGNXLB07CB – Wall Mount XLGNXPM03 – Pole Mount XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box XLGNXLB07C / XLGNXLB07CB – Wall Mount XLGNXPM03 – Pole Mount XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box XLGNXLB07C / XLGNXLB07CB – Wall Mount XLGNXPM03 – Pole Mount XLGNXCM700 – Pendant Mount***	***XLGNXLB10 / XLGNXLB10B – Junction Box XLGNXLB14C / XLGNXLB14CB – Wall Mount XLGNXPM03 – Pole Mount XLGNXCM700 – Pendant Mount***	***XLGNXLB10 / XLGNXLB10B – Junction Box XLGNXLB14C / XLGNXLB14CB – Wall Mount XLGNXPM03 – Pole Mount XLGNXCM700 – Pendant Mount***

LEGEND NX

PART NUMBER	LGNXTO5IQWA	LGNXTO4KIQWA / LGNXTO4KIQWAB
CAMERA		
IMAGE SENSOR	1/2.7” Progressive Scan CMOS	1/2.8” Progressive Scan CMOS
MAXIMUM RESOLUTION	5MP (2880 × 1620)	8MP (3840 × 2160) – 4K
MINIMUM ILLUMINATION	0.006 lux (Color) / 0 lux with IR	0.006 lux (Color) / 0 lux with IR IR – up to 40 m
ILLUMINATION RANGE	***IR –*** up to 40 m	***IR –*** up to 40 m
DAY / NIGHT	IR Cut Filter	IR Cut Filter
PAN / TILT/ ROTATION	0°–360° / 0°–75° / 0°–360°	0°–360° / 0°–75° / 0°–360°
LENS		
FOCAL LENGTH	2.7 – 13.5 mm (Motorized)	2.7 – 13.5 mm (Motorized)
APERTURE	F1.6	F1.6
FIELD OF VIEW	H: 112° – 35.5° • V: 59° – 20° • D: 134° – 41°	H: 108° – 34° • V: 58° – 19° • D: 130° – 39°
MOUNT	Φ14	Φ14
IMAGE ENHANCEMENT		
WIDE DYNAMIC RANGE	120 dB True WDR	120 dB True WDR
IMAGE FEATURES	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation
DORI DISTANCE		
DETECT	72 – 206 m	93 – 274 m
OBSERVE	27.9 – 81.5 m	36.3 – 108.1 m
RECOGNIZE	14 – 40.8 m	18.2 – 54.4 m
IDENTIFY	7 – 20.4 m	9.1 – 27.2 m
VIDEO & COMPRESSION		
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG
MAX FRAME RATE	5MP @ 30fps	8MP @ 30fps
STREAMS	Triple Stream	Triple Stream
BIT RATE	11 Kbps – 10 Mbps	11 Kbps – 16 Mbps
AUDIO	G.711A / G.711U	G.711A / G.711U
AI FEATURES		
INTELLIGENT DETECTION	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection	Motion Detection, Line Crossing, Intrusion, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Loitering Detection, Scene Change Detection
ACTIVE DETERRENCE	N/A	N/A
INTERFACE		
AUDIO INPUT / OUTPUT	1 / 1	1 / 1
ALARM INPUT / OUTPUT	1 / 1	1 / 1
BUILT-IN	Microphone	Microphone
STORAGE	Up to 256GB	Up to 256GB
NETWORK	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)
POWER & ENVIRONMENT		
POWER	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)
CONSUMPTION	Max 9.5W	Max 11 W
OPERATING TEMPERATURE	-40°C to 60°C	-40°C to 60°C
PROTECTION	IP67	IP67
HOUSING	Metal	Metal
MECHANICAL		
DIMENSIONS	Ø144.5 × 113.5 mm	Ø144.5 × 113.5 mm
WEIGHT	1100 g	1100 g
ACCESSORIES		
ACCESSORIES	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***

LEGENDNX

PART NUMBER	LGNXDO4IRF	LGNXDO5IRWA / LGNXDO5IRWAB	LGNXDO5IQWA	LGNXDO4KIQWA	LGNXDO4KIQWF
CAMERA					
IMAGE SENSOR	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
MAXIMUM RESOLUTION	4MP (2688 × 1520)	5MP (2880 × 1620)	5MP (2880 × 1620)	8MP (3840 × 2160) – 4K	8MP (3840 × 2160) – 4K
MINIMUM ILLUMINATION	0.03 lux (Color) / 0.003 lux (B/W) / 0 lux with IR	0.003 lux (Colour) / 0 lux with IR	0.006 lux (Color) / 0 lux with IR	0.006 lux (Colour) / 0 lux with Light	0.006 lux (Color) / 0 lux with IR
ILLUMINATION RANGE	***IR –*** up to 30 m	***IR –*** up to 50 m	***IR –*** up to 40 m	***IR –*** up to 50 m	***IR + Warm Light –*** up to 30 m
DAY / NIGHT	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
PAN / TILT/ ROTATION	0°–360° / 0°–75° / 0°–360°	0°–355° / 0°–75° / 0°–355°	0°–355° / 0°–75° / 0°–355°	0°–355° / 0°–75° / 0°–355°	0°–355° / 0°–75° / 0°–355°
LENS					
FOCAL LENGTH	2.8 mm (Fixed)	2.7 – 13.5 mm (Auto Focus Motorized)	2.7 – 13.5 mm (Motorized)	2.7 – 13.5 mm (Motorized)	2.8 mm (Fixed)
APERTURE	F1.0	F1.6	F1.6	F1.6	F1.6
FIELD OF VIEW	H: 101° • V: 56° • D: 118°	H: 110° – 38° • V: V: 58° – 21° • D: 130° – 42°	H: 112° – 35.5° • V: 59° – 20° • D: 134° – 41°	H: 108° – 34° • V: 58° – 19° • D: 130° – 39°	H: 106° • V: 58° • D: 125°
MOUNT	M12	Φ14	Φ14	Φ14	M12
IMAGE ENHANCEMENT					
WIDE DYNAMIC RANGE	DWDR	120 dB True WDR	120 dB True WDR	120 dB True WDR	120 dB True WDR
IMAGE FEATURES	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 2D/3D DNR • Rotation
DORI DISTANCE					
DETECT	42.5 m	40 m	72 – 206 m	93 – 274 m	88 m
OBSERVE	17.1 m	16 m	27.9 – 81.5 m	36.3 – 108.1 m	34 m
RECOGNIZE	8.5 m	8 m	14 – 40.8 m	18.2 – 54.4 m	12.6 m
IDENTIFY	4.2 m	4 m	7 – 20.4 m	9.1 – 27.2 m	6.3 m
VIDEO & COMPRESSION					
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG
MAX FRAME RATE	4MP @ 30fps	5MP @ 20fps	5MP @ 30fps	8MP @ 30fps	8MP @ 30fps
STREAMS	Triple Stream	Triple Stream	Triple Stream	Triple Stream	Triple Stream
BIT RATE	11 Kbps – 10 Mbps	11 Kbps – 10 Mbps	11 Kbps – 10 Mbps	11 Kbps – 16 Mbps	11 Kbps – 16 Mbps
AUDIO	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U
AI FEATURES					
INTELLIGENT DETECTION	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Loitering Detection, Scene Change Detection	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Scene Change Detection	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Loitering Detection, Scene Change Detection
ACTIVE DETERRENCE	N/A	N/A	N/A	N/A	N/A
INTERFACE					
AUDIO INPUT / OUTPUT	N/A	1 / 1	1 / 1	1 /1	N/A
ALARM INPUT / OUTPUT	N/A	N/A	1 / 1	1 / 1	N/A
BUILT-IN	Microphone	Microphone	Microphone	Microphone	Michrophone
STORAGE	N/A	Up to 256GB	Up to 256GB	Up to 256GB	Up to 256GB
NETWORK	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)
POWER & ENVIRONMENT					
POWER	12VDC ±25% / PoE (802.3af)	12VDC ±10% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)
CONSUMPTION	< 4.7W	< 9W	< 9.5W	< 11W	< 9W
OPERATING TEMPERATURE	-40°C to 60°C	-30°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
PROTECTION	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
HOUSING	Metal	Metal	Metal	Metal	Metal
MECHANICAL					
DIMENSIONS	Ø112 × 87.5 mm	Ø142.2 × 116.5 mm	Ø142.2 × 116.5 mm	Ø142.2 × 116.5 mm	Ø114 × 91.8 mm
WEIGHT	510 g	935 g	1020 g	1020 g	800 g
ACCESSORIES					
ACCESSORIES	***XLGNXLB10 / XLGNXLB10B – Junction Box*** ***XLGNXLB14C / XLGNXLB14CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB12C / XLGNXLB12CB – Junction Box*** ***XLGNXLB07C / XLGNXLB07CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXLB10 / XLGNXLB10B – Junction Box*** ***XLGNXLB14C / XLGNXLB14CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***

LEGENDNX

PART NUMBER	LGNXDO5IQWF	LGNXDO6IRHEM	LGNXDO12IRHEM	LGNXMDO5IQWF
CAMERA				
IMAGE SENSOR	1/2.7" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/1.6" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
MAXIMUM RESOLUTION	5MP (2880 × 1620)	6.1MP (2560 × 2560)	12.1MP (3504 × 3504)	5MP (2880 × 1620)
MINIMUM ILLUMINATION	0.006 lux (Colour) / 0 lux with IR	0.008 lux (Colour) / 0 lux with IR	0.03 lux (Colour) / 0 lux with IR	0.006 lux (Colour) / 0 lux with IR
ILLUMINATION RANGE	***IR –*** up to 30 m	***IR –*** up to 20 m	***IR –*** up to 15 m	***IR –*** up to 20 m
DAY / NIGHT	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
PAN / TILT/ ROTATION	0°–355° / 0°–75° / 0°–355°	-	-	0°–30° / 0°–70° / 0°–30°
LENS				
FOCAL LENGTH	2.8 mm (Fixed)	1.68 mm	2.3 mm	2.8 mm
APERTURE	F1.6	F2.0	F2.0	F1.6
FIELD OF VIEW	H: 111° • V: 60° • D: 132°	H: 180° • V: 180°	H: 180° • V: 180°	H: 111° • V: 60° • D: 132°
MOUNT	M12	M12	M12	M12
IMAGE ENHANCEMENT				
WIDE DYNAMIC RANGE	120 dB True WDR	DWDR	DWDR	120 dB True WDR
IMAGE FEATURES	BLC • HLC • ROI • 2D/3D DNR • Rotation	BLC • HLC • ROI • 3D DNR	BLC • HLC • 3D DNR	BLC • HLC • ROI • 2D/3D DNR • Rotation
DORI DISTANCE				
DETECT	65 m	33 m	20 m	65 m
OBSERVE	25.1 m	13 m	8 m	25.1 m
RECOGNIZE	12.6 m	6.5 m	4 m	12.6 m
IDENTIFY	6.3 m	3.3 m	2 m	6.3 m
VIDEO & COMPRESSION				
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG
MAX FRAME RATE	5MP @ 30fps	2560 × 2560 @ 30fps	3504 × 3504 @ 30fps	5MP @ 30fps
STREAMS	Triple Stream	Triple Stream	Triple Stream	Triple Stream
BIT RATE	11 Kbps – 10 Mbps	11 Kbps – 10 Mbps	11 Kbps – 16 Mbps	11 Kbps – 10 Mbps
AUDIO	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U	G.711A / G.711U
AI FEATURES				
INTELLIGENT DETECTION	Motion Detection, Video Tampering, Sm, art Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Loitering Detection, Scene Change Detection	Motion Detection, Video Tampering, Line Crossing, Intrusion Detection, Region Entrance / Exit	Motion Detection, Video Tampering, Line Crossing, Intrusion Detection, Region Entrance / Exit, Unattended Object Detection, Object Removal, Blur Detection, Scene Change Detection, Audio Exception	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection, Loitering Detection, Scene Change Detection
ACTIVE DETERRENCE	N/A	N/A	N/A	N/A
INTERFACE				
AUDIO INPUT / OUTPUT	N/A	1 / 1	1 / 1	1 /1
ALARM INPUT / OUTPUT	N/A	2 / 2	1 / 1	1 / 1
BUILT-IN	Microphone	Microphone, Speaker	Microphone	Microphone
STORAGE	Up to 256GB	Up to 512GB	Up to 256GB	Up to 256GB
NETWORK	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100/1000 Mbps)	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)
POWER & ENVIRONMENT				
POWER	12VDC ±25% / PoE (802.3af)	12VDC ±10% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)	12VDC ±25% / PoE (802.3af)
CONSUMPTION	< 8W	< 9W	< 12.5W	< 4.8W
OPERATING TEMPERATURE	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
PROTECTION	IP67 / IK10	IP67	IP66	IP67 / IK10
HOUSING	Metal	Metal	Metal	Metal
MECHANICAL				
DIMENSIONS	Ø114 × 91.8 mm	Ø152 × 53 mm	Ø152 × 53 mm	Ø106.6 × 51.1 mm
WEIGHT	800 g	724 g	724 g	465 g
ACCESSORIES				
ACCESSORIES	***XLGNXLB10 / XLGNXLB10B – Junction Box*** ***XLGNXLB14C / XLGNXLB14CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***	***XLGNXJB18 – Junction Box***	***XLGNXJB18 – Junction Box***	***XLGNXLB10 / XLGNXLB10B – Junction Box*** ***XLGNXLB14C / XLGNXLB14CB – Wall Mount*** ***XLGNXPM03 – Pole Mount*** ***XLGNXCM700 – Pendant Mount***

LEGEND NX

PART NUMBER	LGNXBO4K180ADWF	LGNXMDO42IRWF
CAMERA		
IMAGE SENSOR	2 × 1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
MAXIMUM RESOLUTION	Panoramic up to 8MP (5120 × 1440)	5MP (2880 × 1620)
MINIMUM ILLUMINATION	0.0008 lux (Colour) / 0 lux with light	0.003 lux (Colour) / 0 lux with IR
ILLUMINATION RANGE	***Warm light –*** up to 40 m	***IR –*** up to 50 m
DAY / NIGHT	IR Cut Filter	IR Cut Filter
PAN / TILT/ ROTATION	0°–360° / 0°–90° / 0°–360°	0°–355° / 0°–75° / 0°–355°
LENS		
FOCAL LENGTH	4.0 mm	2.7 – 13.5 mm (Auto Focus Motorized)
APERTURE	F1.0	F1.6
FIELD OF VIEW	H: 180° • V: 44°	H: 110° – 38° • V: V: 58° – 21° • D: 130° – 42°
MOUNT	M16	Φ14
IMAGE ENHANCEMENT		
WIDE DYNAMIC RANGE	130 dB True WDR	120 dB True WDR
IMAGE FEATURES	BLC • HLC • ROI • 3D DNR	BLC • HLC • ROI • 2D/3D DNR • Rotation
DORI DISTANCE		
DETECT	70 m	71 m
OBSERVE	28.5 m	28.4 m
RECOGNIZE	14.3 m	14.2 m
IDENTIFY	7 m	7.1 m
VIDEO & COMPRESSION		
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	H.265 / H.265+ / H.264 / H.264+ / MJPEG
MAX FRAME RATE	5120 × 1440 @ 20fps	5MP @ 20fps
STREAMS	Triple Stream	Triple Stream
BIT RATE	11 Kbps – 16 Mbps	11 Kbps – 10 Mbps
AUDIO	G.711A / G.711U	G.711A / G.711U
AI FEATURES		
INTELLIGENT DETECTION	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing Detection, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering	Motion Detection, Video Tampering, Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Filtering, Face Detection
ACTIVE DETERRENCE	N/A	N/A
INTERFACE		
AUDIO INPUT / OUTPUT	1 / 1	1 / 1
ALARM INPUT / OUTPUT	1 / 1	N/A
BUILT-IN	Microphone, Speaker	Microphone
STORAGE	Up to 256GB	Up to 256GB
NETWORK	1 × RJ45 (10/100 Mbps)	1 × RJ45 (10/100 Mbps)
POWER & ENVIRONMENT		
POWER	12VDC ±25% / PoE (802.3af)	12VDC ±10% / PoE (802.3af)
CONSUMPTION	< 11W	< 9W
OPERATING TEMPERATURE	-40°C to 60°C	-30°C to 60°C
PROTECTION	IP67 / IK10	IP67 / IK10
HOUSING	Metal	Metal
MECHANICAL		
DIMENSIONS	120 × 105 × 327 mm	Ø142.2 × 116.5 mm
WEIGHT	1630 g	935 g
ACCESSORIES		
ACCESSORIES	***XLGNXLB10 / XLGNXLB10B – Junction Box*** ***XLGNXPM03 – Pole Mount***	***XLGNXJB201 – Junction Box*** ***XLGNXCM700 – Pendant Mount***

PART NUMBER	NXDO32360IRWA
CAMERA	
IMAGE SENSOR	4 × 8MP (1/2.8" Progressive CMOS)
TOTAL RESOLUTION	Up to 32MP
VIDEO RESOLUTION	3840 × 2160 per sensor
MINIMUM ILLUMINATION	0.135 lux (Colour) / 0 lux B&W
ILLUMINATION RANGE	***IR –*** up to 20 m
DAY / NIGHT	IR Cut Filter
DIGITAL ZOOM	10×
LENS	
FOCAL LENGTH	4 × 2.8 – 8 mm
APERTURE	F1.6
FIELD OF VIEW	H: 109.2° (wide) – 57.5° (tele) • V: 43.5° (wide) – 24.7° (tele)
PAN / TILT / ROTATION / TWIST	±90° / 0° – 95° / ±90° / ±20°
IMAGE ENHANCEMENT	
WDR	Gen 3 HDR Engine
IMAGE FEATURES	Exposure • White Balance • Brightness • Sharpness • Contrast • Saturation • Noise Reduction
BLC / PRIVACY MASK	Supported
ROTATION	90° / 180° / 270°
VIDEO & COMPRESSION	
COMPRESSION	H.265 / H.264 / MJPEG
STREAMS	Up to 4 independent streams
FRAME RATE	4 × 8MP @ 30fps
STREAM CONTROL	LBR / VBR / CBR supported
AI & ANALYTICS	
BASIC ANALYTICS	Motion Detection, Audio Detection
ADVANCED ANALYTICS	Face Detection / Tracking / Recognition, LPR Detection / Recognition, People Detection & Tracking, Human / Vehicle Classification, Object Classification
EVENT TRIGGERS	External Alarm Input, Video Analytics Events, Network Failure Monitoring, Scheduled Triggers, Manual Events
EVENT HANDLING	Alarm Output Activation, Edge Video Recording, FTP / Email Notifications, HTTP / FTP Communication
STORAGE & NETWORK	
EDGE STORAGE	M.2 SATA SSD / microSD / microSDHC / microSDXC
NAS STORAGE	Supported
NETWORK PORT	10/100/1000 Mbps Ethernet
PROTOCOLS	HTTP / HTTPS / RTSP / RTP / FTP / NTP / DDNS
ONVIF	Profile S / G / T / M
INTERFACE	
CONNECTORS	RJ45, USB Type-A, 2 × Alarm Input, 2 × Alarm Output, Audio Input / Output
POWER & ENVIRONMENT	
POWER OPTIONS	PoE (802.3bt Type 3) / DC 24V / AC 24V
OPERATING TEMPERATURE	–40°C to 55°C
PROTECTION	IP66 / IK10
HOUSING	Metal + Plastic
MECHANICAL	
DIMENSIONS	Ø255 × 105 mm
WEIGHT	2400 g
ACCESSORIES	
ACCESSORIES	***XXSPAWALL — Wall Mount*** ***XXSPACAP — Mounting Cap*** ***XXSPCM6 — Corner Mount*** ***XXSPPM3 — Pole Mount*** ***XXSPWM11 — Junction Box with Hinge***

LEGEND NX

PART NUMBER	LGNXDO5ADWPTZ32X	
CAMERA		
IMAGE SENSOR	1/2.8” Progressive Scan CMOS	
MAXIMUM RESOLUTION	5MP (2592 × 1944)	
MINIMUM ILLUMINATION	0.005 lux (Colour) / 0.0005 lux (B/W) / 0 lux with IR	
ILLUMINATORS	4 IR LEDs + 2 Lasers + 4 Warm Light LEDs	
ILLUMINATION RANGE	***IR –*** up to 200 m / ***Warm Light –*** up to 50 m	
DAY / NIGHT	IR Cut Filter	
STARSIGHT / STARLIGHT	Supported	
IR WAVELENGTH	850 nm	
LENS		
ZOOM	Optical - 32× / Digital - 16×	
FOCAL LENGTH	4.8 – 154 mm	
APERTURE	F1.6 – F4.3	
FIELD OF VIEW	H: 54.4° – 2.3° • V: 41.1° – 1.7° • D: 67.2° – 2.8°	
FOCUS	Auto / Semi-Auto / Manual	
ZOOM SPEED	5.66 s	
IMAGE ENHANCEMENT		
WIDE DYNAMIC RANGE	120 dB True WDR	
IMAGE FEATURES	BLC • HLC • ROI • 2D/3D DNR • Rotation	
DORI DISTANCE	***Wide (4.8 mm)***	***Tele (154 mm)***
DETECT	109 m	2500 m
OBSERVE	43.6 m	1000 m
RECOGNIZE	21.8 m	500 m
IDENTIFY	10.9 m	250 m
VIDEO & COMPRESSION		
COMPRESSION	H.265 / H.265+ / H.264 / H.264+ / MJPEG	
MAX FRAME RATE	5MP @ 30fps	
STREAMS	Triple Stream	
BIT RATE	32 Kbps – 16 Mbps	
AUDIO	G.711A / G.711U	
AI FEATURES		
INTELLIGENT DETECTION	Smart Motion Detection, Line Crossing, Intrusion Detection, Region Entrance / Exit, Human & Vehicle Classification, Face Detection, Auto Tracking	
ACTIVE DETERRENCE	Red / Blue Light and Audible Alarm	
INTERFACE		
AUDIO INPUT / OUTPUT	1 / 1	
ALARM INPUT / OUTPUT	2 / 1	
BUILT-IN	Microphone, Speaker	
pe	Up to 512 GB	
NETWORK	1 × RJ45 (10/100 Mbps)	
POWER & ENVIRONMENT		
POWER	DC 36V / PoE++ (802.3bt)	
CONSUMPTION	Max 30 W	
OPERATING TEMPERATURE	−40°C to 70°C	
PROTECTION	IP67 / 6000 V	
MECHANICAL		
DIMENSIONS	Ø190 × 339.8 mm	
WEIGHT	7.65 kg	
ACCESSORIES		
ACCESSORIES	***XLGNXC1A4 — Pendant Mount*** ***XLGNXPC1B5 — Corner Mount*** ***XLGNXPC2A1 — Pendant Mounting Bracket*** ***XLGNXPJ — Junction Box with Door*** ***XLGNXKA3 — PTZ Keyboard*** ***XLGNXPP1A8 — PTZ Pole Mount***	

LEGEND NX

PART NUMBER	LGNXD05IRTF	LGNXT05CVTF	LGNXT05IRTV	LGNXT04KIRWTF
CAMERA				
IMAGE SENSOR	1/2.7” CMOS	1/2.7” CMOS	1/2.7” CMOS	1/2.8” CMOS
MAXIMUM RESOLUTION	5MP (2880 × 1620)	5MP (2592 × 1944)	5MP (2592 × 1944)	8MP (3840 × 2160)
MINIMUM ILLUMINATION	0.01 lux (F1.2, AGC ON) / 0 lux with IR	0.01 lux (F1.2, AGC ON) / 0 lux with light	0.01 lux (F1.2, AGC ON) / 0 lux with IR	0.01 lux (F1.2, AGC ON) / 0 lux with IR
VIDEO FRAME RATE	5MP @ 20fps	5MP @ 20fps	5MP @ 20fps	8MP @ 15fps
SIGNAL SYSTEM	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
DAY / NIGHT	EXT / Auto / Color / B&W	Full-Colour (Chromaview)	EXT / Auto / Color / B&W	EXT / Auto / Color / B&W
LENS				
FOCAL LENGTH	2.8 mm (Fixed)	2.8 mm (Fixed)	3.3 – 12 mm (Manual Varifocal)	2.8 mm (Fixed)
FIELD OF VIEW	H: 100° • V: 54° • D: 114°	H: 110° • V: 60° • D: 126°	H: 102° – 38° • V: 56° – 22° • D: 118° – 42°	H: 109° • V: 63° • D: 125°
MOUNT	M12	M12	Ø14	M12
ILLUMINATION				
IR LEDs	3 × SMD LEDs	2 × Warm Light LEDs	4 LEDs	2 LEDs
IR RANGE	Up to 30 m	Up to 20 m	Up to 60 m	Up to 30 m
IMAGE ENHANCEMENT				
WIDE DYNAMIC RANGE	DWDR	DWDR	DWDR	120 dB True WDR
IMAGE FEATURES	ATW / Manual • 2D DNR • ≥ 50 dB	MWB / ATW / Gray World • 2D DNR • ≥ 50 dB	ATW / Manual • 2D DNR • ≥ 50 dB	ATW • 3D DNR • ≥ 50 dB
VIDEO OUTPUT				
SUPPORTED FORMATS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS
AUDIO				
MICROPHONE	Built-in	Built-in		
AUDIO SUPPORT	TVI mode	TVI mode		
AUDIO TRANSMISSION	N/A	Over coaxial cable		
INTERFACE				
VIDEO OUTPUT	Analog HD (BNC)	Analog HD (BNC)	Analog HD (BNC)	Analog HD (BNC)
POWER & ENVIRONMENT				
POWER SUPPLY	DC12V (±10%)	DC12V (±10%)	DC12V (±10%)	DC12V (±10%)
POWER CONSUMPTION	< 6 W	< 8 W	< 12 W	< 5 W
OPERATING TEMPERATURE	−40°C to +60°C	−40°C to +60°C	−40°C to +60°C	−40°C to +60°C
PROTECTION	IP67	IP67	IP67 / IK10	IP67
HOUSING	Metal	Metal	Metal	Metal
MECHANICAL				
DIMENSIONS	Ø112 × 87.5 mm	Ø103.5 × 82.4 mm	Ø140 × 104.7 mm	Ø103.5 × 82.4 mm
WEIGHT	362 g	370 g	620 g	350 g
ACCESSORIES				
ACCESSORIES	***XLGNXLB10 — Junction Box*** ***XLGNXLB14C — Wall Mount*** ***XLGNXPM03 — Pole Mount*** ***XLGNXCM700 — Pendant Mount Bracket***	***XLGNXLB10 — Junction Box*** ***XLGNXLB14C — Wall Mount*** ***XLGNXPM03 — Pole Mount*** ***XLGNXCM700 — Pendant Mount Bracket***	***XLGNXLB12C — Junction Box*** ***XLGNXLB07C — Wall Mount*** ***XLGNXPM03 — Pole Mount*** ***XLGNXCM700 — Pendant Mount Bracket***	***XLGNXLB10 — Junction Box*** ***XLGNXLB14C — Wall Mount*** ***XLGNXPM03 — Pole Mount*** ***XLGNXCM700 — Pendant Mount Bracket***

LEGEND NX

PART NUMBER	LGNX884KN	LGNX884KLN2T	LGNX16164KN	LGNX16164KLN2T
SYSTEM				
VIDEO INPUT	8-Channel IP	8-Channel IP	16-Channel IP	16-channel IP
MAX CAMERA RESOLUTION	Up to 12MP	Up to 8MP	Up to 12MP	Up to 12MP
VIDEO COMPRESSION	H.265+ / H.265 / H.264+ / 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
BANDWIDTH	80 Mbps Incoming / 80 Mbps Outgoing	80 Mbps Incoming / 80 Mbps Outgoing	160 Mbps Incoming / 80 Mbps Outgoing	160 Mbps Incoming / 80 Mbps Outgoing
VIDEO OUTPUT				
HDMI OUTPUT	Up to 4K (3840 × 2160 @ 30Hz)	Up to 4K (3840 × 2160 @ 30Hz)	Up to 4K (3840 × 2160 @ 30Hz)	Up to 4K (3840 × 2160 @ 30Hz)
VGA OUTPUT	Up to 1920 × 1080 @ 60Hz	Up to 1920 × 1080 @ 60Hz	Up to 1920 × 1080 @ 60Hz	Up to 1920 × 1080 @ 60Hz
SIMULTANEOUS OUTPUT	HDMI + VGA	HDMI + VGA	HDMI + VGA	HDMI + VGA
AUDIO				
AUDIO INPUT	1 × RCA	1 × RCA	1 × RCA	1 × RCA
AUDIO OUTPUT	1 × RCA	1 × RCA	1 × RCA	1 × RCA
RECORDING				
SUPPORTED RESOLUTIONS	12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF	8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF	12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF	12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF
BIT RATE	64 Kbps – 10 Mbps	64 Kbps – 10 Mbps	64 Kbps – 10 Mbps	64 Kbps - 10 Mbps
PLAYBACK				
DECODING CAPABILITY	8-ch @ 1080P, 3-ch @ 5MP, 2-ch @ 8MP, 1-ch @ 12MP	1-ch @ 8MP / 30fps, 2-ch @ 6MP / 30fps, 2-ch @ 5MP / 30fps, 3-ch @ 4MP / 30fps, 6-ch @ 1080P / 30fps	1-ch @ 12MP / 20fps, 2-ch @ 8MP / 30fps, 3-ch @ 5MP / 30fps, 4-ch @ 4MP / 30fps, 8-ch @ 1080P / 30fps, 16-ch @ 720P / 30fps	1-ch @ 12MP, 2-ch @ 8MP, 3-ch @ 5MP, 8-ch @ 1080P
SYNCHRONOUS PLAYBACK	8 Channels	8 Channels	16 Channels	8 Channels
PLAYBACK MODES	Smart / Normal / Time Division / Event / Log	Smart / Normal / Time Division / Event / Log	Smart / Normal / Time Division / Event	Smart / Normal / Time Division / Label / Event / Picture / Log
AI FEATURES				
SMART DETECTION	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Unattended, Object, Object Missing, Loitering, Parking Detection, Face Detection, People Gathering, Scene Change Detection, Audio Exception, Human Detection, Vehicle Detection, SMD / Perimeter Protection	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering, Scene Change Detection, Audio Exception, Human Detection, Vehicle Detection, SMD / Perimeter Protection	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering, Scene Change Detection, Audio Exception, Human Detection, Vehicle Detection, SMD / Perimeter Protection	Area Intrusion, Line Crossing, Region Entrance / Region Exiting, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, Human Detection, Vehicle Detection, SMD, Perimeter Protection
NETWORK				
ETHERNET PORT	1 × RJ45 (10/100/1000 Mbps)	1 × RJ45 (10/100/1000 Mbps)	1 × RJ45 (10/100/1000 Mbps)	1 × RJ45 (10 / 100 / 1000 Mbps)
PROTOCOLS	HTTPS / HTTP / TCP-IP / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS FTP / DDNS / P2P / ONVIF	HTTPS / HTTP / TCP/IP / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS FTP / DDNS / P2P / ONVIF	HTTPS / HTTP / TCP/IP / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS FTP / DDNS / P2P / ONVIF	HTTPS / HTTP / TCP/IP / IPv4 / UPnP / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS / IP Filter / DDNS / FTP / P2P / ONVI
STORAGE				
HARD DRIVE INTERFACE	1 × SATA	1 × SATA	2 × SATA	2 × SATA
MAX HDD CAPACITY	Up to 14TB	Up to 14TB	Up to 14TB per HDD	Up to 14TB per HDD
INCLUDED STORAGE		2TB HDD		2TB HDD
POE INTERFACE				
POE PORTS	8 × PoE (10 / 100 Mbps)	8 × PoE (10 / 100 Mbps)	16 × PoE (10 / 100 Mbps)	16 × independent 10 / 100 Mbps PoE Ethernet interfaces
EXTERNAL INTERACES				
USB PORTS	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
NETWORK PORT	1 × RJ45	1 × RJ45	1 × RJ45	1 × RJ45
VIDEO OUTPUTS	HDMI / VGA	HDMI / VGA	HDMI / VGA	HDMI / VGA
POWER & ENVIRONMENT				
POWER SUPPLY	DC 48V – 2.5A	DC 48V – 2.5A	AC 100 – 240 V	
POWER CONSUMPTION	≤ 15W (without HDD and PoE)	≤ 15W (without HDD and PoE)	≤ 15W (without HDD and PoE)	≤ 15 W (without HDD and PoE)
OPERATING TEMPERATURE	−10°C to +55°C	−10°C to +55°C	−10°C to +55°C	-10 °C to +55 °C
HUMIDITY	10% – 90% RH	10% – 90% RH	10% – 90% RH	10 % – 90 % RH
MECHANICAL				
DIMENSIONS	250 × 230 × 45 mm	250 × 230 × 45 mm	380 × 305 × 45 mm	326 × 243 × 52 mm
WEIGHT	1.7 kg	1.7 kg	3.6 kg	2.6 kg
AVAILABLE MODELS				
MODEL AND STORAGE	***LGNX884KN2T - 2 TB ; LGNX884KN4T - 4 TB ; LGNX884KN6T - 6 TB LGNX884KN8T - 8 TB ; LGNX884KN10T - 10 TB***	***LGNX884KLN2T - 2 TB ; LGNX884KLN4T - 4 TB ; LGNX884KLN6T - 6 TB LGNX884KLN8T - 8 TB ; LGNX884KLN10T - 10 TB***	***LGNX16164KN2T - 2TB ; LGNX16164KN4T - 4TB ; LGNX16164KN6T - 6TB LGNX16164KN8T - 8TB ; LGNX16164KN10T - 10TB ; LGNX16164KN12T - 12TB LGNX16164KN16T - 16TB ; LGNX16164KN20T - 20TB***	***LGNX16164KLN2T – 2 TB ; LGNX16164KLN4T – 4 TB ; LGNX16164KLN6T – 6 TB LGNX16164KLN8T – 8 TB ; LGNX16164KLN10T – 10 TB LGNX16164KLN12T – 12 TB ; LGNX16164KLN16T – 16 TB LGNX16164KLN20T – 20 TB***

LEGENDNX

PART NUMBER	LGNX3216KN	LGNX324KN	LGNX644KN
SYSTEM			
VIDEO INPUT	32-Channel IP	32-Channel IP	64-Channel IP
MAX CAMERA RESOLUTION	Up to 12MP	Up to 12MP	Up to 12MP
VIDEO COMPRESSION	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
BANDWIDTH	256 Mbps Incoming / 256 Mbps Outgoing	256 Mbps Incoming / 256 Mbps Outgoing	1024 Mbps Incoming / 800 Mbps Outgoing (without RAID)
VIDEO OUTPUT			
HDMI OUTPUT	Up to 4K (3840 × 2160)	HDMI 1: Up to 4K (3840 × 2160) / HDMI 2: Up to 1920 × 1080	HDMI 1: Up to 8K (7680 × 4320) / HDMI 2: Up to 4K (3840 × 2160) / HDMI 3: Up to 1080P / HDMI 4: Up to 4K
VGA OUTPUT	Up to 1920 × 1080	Up to 1920 × 1080	2 × VGA (Up to 1920 × 1080)
SIMULTANEOUS OUTPUT	HDMI + VGA (asynchronous)	Dual HDMI (asynchronous) + VGA	4 HDMI + 2 VGA (simultaneous & independent)
AUDIO			
AUDIO INPUT	1 × RCA	1 × RCA	1 × RCA
AUDIO OUTPUT	1 × RCA	2 × RCA	2 × RCA
RECORDING			
SUPPORTED RESOLUTIONS	12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF	8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF	12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF
BIT RATE	64 Kbps – 10 Mbps	64 Kbps – 10 Mbps	64 Kbps – 10 Mbps
PLAYBACK			
DECODING CAPABILITY	2-ch @ 12MP / 20fps, 4-ch @ 8MP / 30fps, 6-ch @ 5MP / 30fps, 8-ch @ 4MP / 30fps, 16-ch @ 1080P / 30fps	2-ch @ 12MP / 20fps, 4-ch @ 8MP / 30fps, 6-ch @ 5MP / 30fps, 8-ch @ 4MP / 30fps, 16-ch @ 1080P / 30fps	**H.265:** 32-ch @ 1080P / 30fps, 16-ch @ 4MP / 30fps, 8-ch @ 8MP / 30fps, 4-ch @ 16MP / 30fps, 2-ch @ 32MP / 30fps. **H.264:** 16-ch @ 1080P / 30fps, 8-ch @ 4MP / 30fps, 4-ch @ 8MP / 30fps, 2-ch @ 16MP / 30fps, 1-ch @ 32MP / 30fps.
SYNCHRONOUS PLAYBACK	16 Channels	16 Channels	16-ch @ 1080P / 30fps, 16-ch @ 4MP / 30fps, 8-ch @ 8MP / 30fps, 5-ch @ 12MP / 30fps
PLAYBACK MODES	Smart / Normal / Time Division / Label / Event	Smart Playback / Normal / Time Division / Label / Event / Picture	Smart Playback / Normal / Time Division / Label / Event / Picture
AI FEATURES			
SMART DETECTION	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, Human Detection, Vehicle Detection, SMD / Perimeter Protection	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, Human Detection, Vehicle Detection, SMD / Perimeter Protection	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, SMD, Perimeter Protection
NETWORK			
ETHERNET PORT	1 × RJ45 (10/100/1000 Mbps)	2 × RJ45 (10 / 100 / 1000 Mbps)	2 × 2.5GE RJ45
PROTOCOLS	HTTPS / HTTP / TCP/IP / IPv4 / RTSP / UDP SMTP / SNMP / NTP / DHCP / DNS / FTP / DDNS / P2P / ONVIF	HTTPS / HTTP / TCP/IP / IPv4 / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS / FTP / DDNS / P2P / ONVIF	HTTPS / HTTP / TCP/IP / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS / FTP / DDNS / P2P / ONVIF
STORAGE			
HARD DRIVE INTERFACE	4 × SATA	4 × SATA	8 × SATA
MAX HDD CAPACITY	Up to 18TB	Up to 18TB	Up to 22TB
INCLUDED STORAGE			
POE INTERFACE			
POE PORTS	16 × PoE (10 / 100 Mbps)	N/A	N/A
EXTERNAL INTERACES			
USB PORTS	Front: 2 × USB 2.0 / Rear: 1 × USB 3.0	Front: 2 × USB 2.0 / Rear: 1 × USB 3.0	Front: 2 × USB 2.0 / Rear: 2 × USB 3.0
NETWORK PORT	1 × RJ45	2 × RJ45	2 × RJ45 (2.5GE)
VIDEO OUTPUTS	HDMI / VGA	HDMI ×2 / VGA	HDMI ×4 / VGA ×2
POWER & ENVIRONMENT			
POWER SUPPLY	AC 100 – 240 V	AC 100 – 240 V	AC 100 – 240 V
POWER CONSUMPTION	≤ 20W (without HDD and PoE)	≤ 20W (without HDD)	≤ 20W (without HDD)
OPERATING TEMPERATURE	−10°C to +55°C	−10°C to +55°C	−10°C to +55°C
HUMIDITY	10% – 90% RH	10% – 90% RH	10% – 90% RH
MECHANICAL			
DIMENSIONS	440 × 448 × 70 mm	440 × 448 × 70 mm	440 × 452 × 90 mm
WEIGHT	6.4 kg	6.1 kg	8 kg
AVAILABLE STORAGE OPTIONS			
PART NUMBER & STORAGE	***LGNX32164KN4T - 4TB ; LGNX32164KN8T - 8TB ; LGNX32164KN10T - 10TB ; LGNX32164KN12T - 12TB LGNX32164KN16T - 16TB ; LGNX32164KN20T - 20TB ; LGNX32164KN24T - 24TB ; LGNX32164KN28T - 28TB LGNX32164KN32T - 32TB ; LGNX32164KN36T - 36TB ; LGNX32164KN40T - 40TB***	***LGNX324KN4T - 4TB ; LGNX324KN8T - 8TB ; LGNX324KN10T - 10TB ; LGNX324KN12T - 12TB LGNX324KN16T - 16TB ; LGNX324KN20T - 20TB ; LGNX324KN24T - 24TB ; LGNX324KN28T - 28TB LGNX324KN32T - 32TB ; LGNX324KN36T - 36TB ; LGNX324KN40T - 40TB***	***LGNX644KN16T - 16TB ; LGNX644KN20T - 20TB ; LGNX644KN24T - 24TB ; LGNX644KN28T - 28TB LGNX644KN32T - 32TB ; LGNX644KN36T - 36TB ; LGNX644KN40T - 40TB ; LGNX644KN44T - 44TB LGNX644KN48T - 48TB ; LGNX644KN52T - 52TB ; LGNX644KN56T - 56TB ; LGNX644KN60T - 60TB LGNX644KN70T - 70TB ; LGNX644KN80T - 80TB***

LEGEND NX

PART NUMBER	LGNX814KUVR	LGNX1624KUVR
SYSTEM		
VIDEO INPUT	8-Channel Analog (HDCVI / AHD / TVI / CVBS) / Up to 16-Channel IP cameras	16-Channel Analog (HDCVI / AHD / TVI / CVBS) / Up to 20-Channel IP cameras
MAXIMUM RESOLUTION	Up to 8MP (IP)	Up to 8MP (IP)
VIDEO COMPRESSION	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
BANDWIDTH	160 Mbps	72 Mbps
VIDEO OUTPUT		
HDMI OUTPUT	Up to 4K (3840 × 2160 @ 30Hz)	Up to 4K (3840 × 2160 @ 30Hz)
VGA OUTPUT	Up to 1920 × 1080 @ 60Hz	Up to 1920 × 1080 @ 60Hz
CVBS OUTPUT	1 × BNC (704 × 576 / 704 × 480)	1 × BNC (704 × 576 / 704 × 480)
SIMULTANEOUS OUTPUT	HDMI + VGA + CVBS	HDMI + VGA + CVBS
AUDIO		
AUDIO INPUT	4 × RCA	4 × RCA
AUDIO OUTPUT	1 × RCA	1 × RCA
TWO-WAY AUDIO	Supported (1-channel)	Supported (1-channel)
RECORDING		
SUPPORTED RESOLUTIONS	8MP, 5MP, 4MP, 1080P, 1080P Lite, 720P, 960H, D1	8MP, 5MP, 4MP, 1080P, 1080P Lite, 720P, 960H, D1
FRAME RATE	8MP @ 7fps, 5MP @ 12fps, 4MP @ 15fps, 1080P / 720P @ 25/30fps	8MP @ 7fps, 5MP @ 12fps, 4MP @ 15fps, 1080P / 720P @ 25/30fps
BIT RATE	11 Kbps – 6769 Kbps	11 Kbps – 6769 Kbps
RECORDING MODE	Manual / Schedule / Alarm	Manual / Schedule / Alarm
PLAYBACK		
DECODING CAPABILITY	4-ch @ 8MP playback / 8-ch @ 8MP-N playback	8-ch @ 8MP playback / 8-ch @ 8MP-N playback
PLAYBACK MODES	Smart Playback / Normal Playback / Segmented Playback / Tagged Playback / Alarm Log Playback / Picture Playback	Smart Playback / Normal Playback / Segmented Playback / Tagged Playback / Alarm Log Playback / Picture Playback
BACKUP MODE	USB / Network	USB / Network
AI FEATURES		
SMART DETECTION (ANALOG)	Line Crossing Detection / Intrusion Detection (up to 8 channels)	Line Crossing Detection / Intrusion Detection (up to 16 channels)
SMART DETECTION (IP CAMERAS)	Line Crossing / Area Intrusion	Line Crossing / Area Intrusion
SMART PLAYBACK	Line Crossing / Intrusion / Motion Detection	Line Crossing / Intrusion / Motion Detection
NETWORK		
ETHERNET PORT	1 × RJ45 (10 / 100 / 1000 Mbps)	1 × RJ45 (10 / 100 / 1000 Mbps)
PROTOCOLS	HTTPS / HTTP / TCP/IP / IPv4 / ONVIF 2.6 / RTSP / UDP / SMTP / SNMP / Multicast / IGMP / NTP / DHCP / DNS / DDNS / FTP / P2P	HTTPS / HTTP / TCP/IP / IPv4 / ONVIF 2.6 / RTSP / UDP / SMTP / SNMP / Multicast / IGMP / NTP / DHCP / DNS / DDNS / FTP / P2P
STORAGE		
HARD DRIVE INTERFACE	1 × SATA	2 × SATA
MAX HDD CAPACITY	Up to 8TB	Up to 8TB per HDD
POE INTERFACE		
POE PORTS	N/A	N/A
EXTERNAL INTERFACES		
USB PORTS	Front: 1 × USB 2.0 / Rear: 1 × USB 3.0	Front: 1 × USB 2.0 / Rear: 1 × USB 3.0
NETWORK PORT	1 × RJ45	1 × RJ45
VIDEO OUTPUTS	HDMI / VGA / CVBS	HDMI / VGA / CVBS
POWER & ENVIRONMENT		
POWER SUPPLY	DC 12V / 2A	DC 12V / 2A
POWER CONSUMPTION	≤ 10W (without HDD)	≤ 20W (without HDD)
OPERATING TEMP	−10°C to +55°C	−10°C to +55°C
HUMIDITY	10% – 90% RH	10% – 90% RH
MECHANICAL		
DIMENSIONS	315 × 242 × 45 mm	380 × 330.9 × 45 mm
WEIGHT	2.1 kg	3.3 kg
AVAILABLE STORAGE OPTIONS		
PART NUMBER & STORAGE	***LGNX814KUVR2T - 2TB ; LGNX814KUVR4T - 4TB ; LGNX814KUVR6T - 6TB ; LGNX814KUVR8T - 8TB ; LGNX814KUVR10T - 10TB***	***LGNX1624KUVR2T - 2TB ; LGNX1624KUVR4T - 4TB ; LGNX1624KUVR6T - 6TB ; LGNX1624KUVR8T - 8TB ; LGNX1624KUVR10T - 10TB LGNX1624KUVR12T - 12TB ; LGNX1624KUVR14T - 14TB ; LGNX1624KUVR16T - 16TB ; LGNX1624KUVR20T - 20TB***

LEGEND NX

PART NUMBER	LGNX82POE	LGNX324KN	LGNX644KN
SYSTEM			
PORT CONFIGURATION	8 × PoE ports (10/100 Mbps) / 2 × Gigabit uplink ports	32-Channel IP	64-Channel IP
POE STANDARD	IEEE 802.3af / 802.3at	Up to 12MP	Up to 12MP
POE POWER	96W total budget / Up to 30W per port	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
NETWORK PERFORMANCE			
SWITCHING CAPACITY	5.6 Gbps	HDMI 1: Up to 4K (3840 × 2160) / HDMI 2: Up to 1920 × 1080	HDMI 1: Up to 8K (7680 × 4320) / HDMI 2: Up to 4K (3840 × 2160) / HDMI 3: Up to 1080P / HDMI 4: Up to 4K
FORWARDING RATE	4.166 Mpps	Up to 1920 × 1080	2 × VGA (Up to 1920 × 1080)
MAC TABLE	2K entries	Dual HDMI (asynchronous) + VGA	4 HDMI + 2 VGA (simultaneous & independent)
TRANSMISSION MODE	Store-and-Forward	Dual HDMI (asynchronous) + VGA	4 HDMI + 2 VGA (simultaneous & independent)
POE FEATURES			
TRANSMISSION DISTANCE	Up to 100m (100 Mbps) / Up to 250m (Extend Mode, 10 Mbps)	1 × RCA	1 × RCA
POE WATCHDOG	Supported	2 × RCA	2 × RCA
AUTO MDI/MDIX	Supported	2 × RCA	2 × RCA
NETWORK			
ETHERNET PORTS	8 × PoE RJ45 (10/100 Mbps) / 2 × Uplink RJ45 (1000 Mbps)	8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF	12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 / CIF / QCIF
PROTOCOLS	IEEE 802.3 / 802.3u / 802.3ab / 802.3x	64 Kbps – 10 Mbps	64 Kbps – 10 Mbps
VLAN SUPPORT	Yes	64 Kbps – 10 Mbps	64 Kbps – 10 Mbps
EXTERNAL INTERFACES			
PORTS	8 × PoE ports / 2 × Gigabit uplinks	2-ch @ 12MP / 20fps, 4-ch @ 8MP / 30fps, 6-ch @ 5MP / 30fps, 8-ch @ 4MP / 30fps, 16-ch @ 1080P / 30fps	**H.265:** 32-ch @ 1080P / 30fps, 16-ch @ 4MP / 30fps, 8-ch @ 8MP / 30fps, 4-ch @ 16MP / 30fps, 2-ch @ 32MP / 30fps. **H.264:** 16-ch @ 1080P / 30fps, 8-ch @ 4MP / 30fps, 4-ch @ 8MP / 30fps, 2-ch @ 16MP / 30fps, 1-ch @ 32MP / 30fps.
INDICATORS	Power indicator / Link/Activity indicators / Mode indicator (Normal / VLAN / Extend)	16 Channels	16-ch @ 1080P / 30fps, 16-ch @ 4MP / 30fps, 8-ch @ 8MP / 30fps, 5-ch @ 12MP / 30fps
POWER & ENVIRONMENT			
POWER SUPPLY	Built-in (AC 100–240V, 50/60Hz)	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, Human Detection, Vehicle Detection, SMD / Perimeter Protection	Line Crossing, Area Intrusion, Region Entrance / Exit, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, SMD, Perimeter Protection
POWER CONSUMPTION	< 5W	2 × RJ45 (10 / 100 / 1000 Mbps)	2 × 2.5GE RJ45
POE POWER BUDGET	96W	HTTPS / HTTP / TCP/IP / IPv4 / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS / FTP / DDNS / P2P / ONVIF	HTTPS / HTTP / TCP/IP / RTSP / UDP / SMTP / SNMP / NTP / DHCP / DNS / FTP / DDNS / P2P / ONVIF
OPERATING TEMP	−10°C to +50°C	4 × SATA	8 × SATA
HUMIDITY	5% – 90% (non-condensing)	Up to 18TB	Up to 22TB
PROTECTION			
ESD PROTECTION	Air discharge: 8KV / Contact discharge: 6KV	Front: 2 × USB 2.0 / Rear: 1 × USB 3.0	Front: 2 × USB 2.0 / Rear: 2 × USB 3.0
SURGE PROTECTION	RJ45 ports: up to 4KV / Power board: up to 2KV	2 × RJ45	2 × RJ45 (2.5GE)
MECHANICAL			
DIMENSIONS	200 × 118 × 44 mm	AC 100 – 240 V	AC 100 – 240 V
WEIGHT	0.62 kg	≤ 20W (without HDD)	≤ 20W (without HDD)

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