

2.1MP 12x Starlight IR PTZ Camera

- 1/2.8" 2Megapixel STARVIS™ CMOS
- Powerful 12x optical zoom
- Starlight technology
- Max. 25/30fps at 1080P
- IVS
- Support PoE+
- IR distance up to 100m
- IP66



Popular Mounting Solutions

Optional

Included



INSX150 Pole Mount



INSXPARA Parapet Mount



INSX140 Wall Box



INSX111 Mount Adapter



Power Adapter DC12/3A



INSX303 Wall Mount



INSX151 Corner Mount



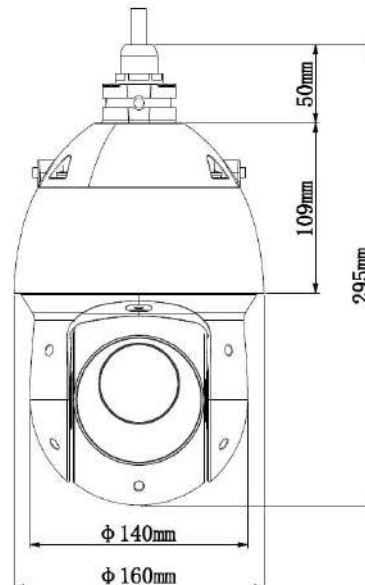
INSX120 Junction Box



INSX300 Ceiling Mount

Ceiling Mount	Junction Mount
INSX111 + INSX300	INSX303 + INSX120
Power Box Mount	Pole Mount
INSX303 + INSX140	INSX303 + INSX150
Corner Mount	Parapet Mount
INSX303 + INSX151	INSX111 + INSX303

Dimensions (mm)



Technical Specifications

Camera	
Image Sensor	1/2.8" STARVIS CMOS
Effective Pixels	1920(H) x 1080(V), 2 Megapixels
Electronic Shutter Speed	1/1s~1/30,000s
Min. Illumination	Color: 0.005Lux at F1.6; B/W: 0.0005Lux at F1.6; 0Lux at F1.6 (IR on)
S/N Ratio	More than 50dB
IR LEDs	6
Camera Features	
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
EIS / Defog	Support
Lens	
Focal Length	5.3mm~64mm (12x Optical zoom)
Maximum Aperture	F1.6 ~ F4.4
Focus Control	Auto / Manual
Angle of View	H: 58.2° ~ 4.8°
Close Focus Distance	100mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	300
PTZ Mode	5 Patterns, 8 Tours, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Timed Tasks	N/A
Protocol	DH-SD

* Design and specifications are subject to change without notice.

Technical Specifications

Video	
Compression	H.265+ / H.265/ H.264+ / H.264
Resolution	1080P(1920×1080)/ 720P(1280×720)/ D1(704×576/704×480)/ CIF(352×288/352×240)
Frame Rate Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P (1~50/60fps)
Frame Rate Second Stream	D1/ CIF (1 ~ 25/30fps)
Frame Rate Third Stream	1080P/ 720P/ D1/ CIF (1 ~ 25/30fps)
Bit Rate	H.265/H.264: 448K ~ 8192Kbps
Audio	
Compression	G.711a/ G.711mu/ G.726/ AAC
Interface	1/1 channel In/Out
Intelligent Function	
Auto Tracking	N/A
IVS	Tripwire, Intrusion, Abandoned/Missing
Tracking Trigger Modes	Motion detection, Video tampering, Network disconnection, IP address conflict, Illegal access, Storage anomaly
Tracking Trigger Events	Face Detection
Network	
Ethernet	RJ-45 (10/100Base - T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility	ONVIF Profile S&G, API
Maximum User Access	20 users
Smart Phone	iOS, Android
Auxiliary Interface	
Memory Slot	Up to 256GB Micro SD Card
RS485	1/1
Alarm	2/1 channel In/Out
General	
Power Supply	DC 12V/3A, PoE+(802.3at)
Power Consumption	13W, 22W (IR on, Heater on)
Working Environment	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 95% RH
Ingress Protection	IP66
Dimensions	Φ160(mm) x 295(mm)
Weight	3kg (6.61lb)

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