



Professional Series

Features

- Powerful 22x Optical Zoom
- Very light-sensitive BSI sensor
- 2MP Sony IMX290 Sensor with up to 120fps
- 1/3" rolling shutter sensor with 2.9 μm pixel size
- High Definition over 2 million pixels 1920(H)x1080(V)
- 3D Digital Noise Reduction and True Wide Dynamic Range
- High performance Starlight sensor for coloured night vision
- Built in lightning surge protector (4kv) 10/700 μs
- Enhanced H.265 Video Compression Encoding
- IP67 metal casing for maximum protection

Technical Specification

Camera	
Image Sensor	Sony IMX290
Min. Illumination	Color 0.5 Lux @ F1.2(AGC ON) B/W 0 Lux @ IR ON
Effective Pixels	1920(H)x1080(V)
Shutter Speed	1/5 ~ 1/20,000s/AUTO
IR Distance	Up to 150M(492ft)
IR Diming Function	Adjustable by zoom
Digital noise reduction	3D DNR
WDR	120db
S/N Ratio	>55dB
Ingress Protection	IP67

Lens	
Aperture	F1.6 ~ F3.0
Field of View	72° ~ 3.8°
Optical Zoom	22x
Focus Control	Auto/Manual

PTZ	
Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: -10° ~ 95° (Auto Flip) Rotation: 0° ~ 360°
Pan Speed	0.1~300°/s
Tilt Speed	0.1~100°/sec
Presets	255
PTZ Mode	4 Patterns, 4 Tours, Auto Scan
Protocol	PAL/NTSC

Audio	
Compression	G.711a/G.711u/PCM

Interface	
Audio Interface	1/1
Alarm	1/1

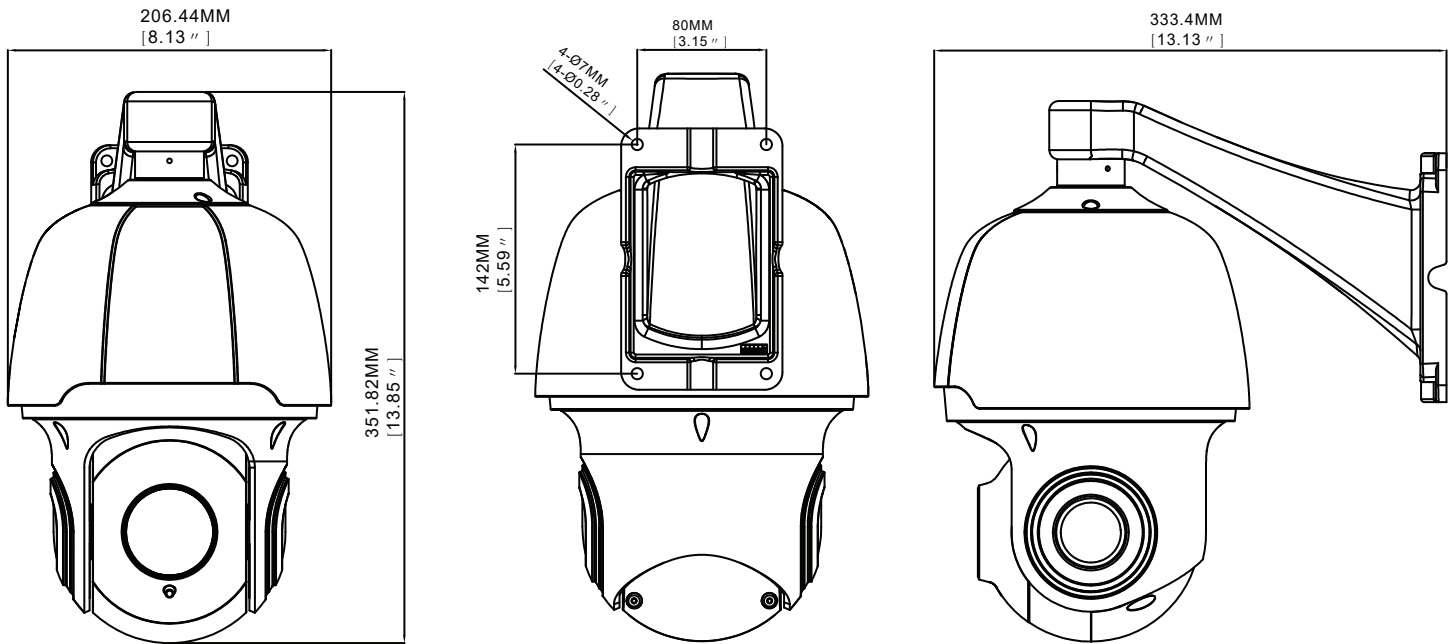
Video	
Video Compression	H.265/H.264/MJPEG
Video Bit Rate	448 Kbps ~ 8 Mbps
Resolution & Frame Rate	Main Stream: 1080p (1 ~ 120fps)
	Sub Stream: 720p (1 ~ 120fps)
	Third Stream: VGA (1 ~ 120fps)
Image Enhancement	3D DNR, 3D WDR, Smart Defog
Day/Night	IR-cut filter with auto switch
Smart Defog	Support

Network	
Interoperability	ONVIF
Ethernet	1 RJ45 10M/100M Base-T
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP
Web Viewer	IE, Chrome, Firefox, Safari
Smart Phone	IOS, Android

Electrical	
Power Supply	AC 24V/3A(±10%), PoE
Power Consumption	13W, 23W (IR on)
Lightning Protection	4kv rating (Built in)

Construction	
Casing	Metal
Dimensions	Φ206mmx351mm
Camera Weight	2kg

Dimensions



Represented by:

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*Product specifications and availability are subject to change without notice.