Data sheet

2MP 15x Outdoor Network IR PTZ Camera





Key Features

- 1/2.8″ progressive scan CMOS
- 15x optical zoom
- True WDR, up to 120dB
- · 3D DNR, HLC & BLC
- 2MP resolution(1920 × 1080)
- H.265/H.264/MJPEG
- · Intelligent video analytics
- Onboard storage
- Up to 200m IR distance with Smart IR
- Face detection / capture
- Smart tracking
- PoE+ and DC12V
- IP66

Specification

Minager		
Effective Pixels 1920x1080	Camera	
Min. Illumination Color: 0.002Lux @ (F1.6, AGC ON); B/W: 0.0004Lux @ (F1.6, AGC ON); 0 Lux with IR 1/30 s − 1/30,000 s 5/N Ratio ≥50dB Angle Adjustment Lens Focal Length 5 −75 mm Iris Type DC-Iris Fleld of View Horizontal: 54° −4°; Vertical: 32° − 2.3° Focus Control Auto / Manual Lens Mount PTZ Pan / Tilt Range 360°/−10° − 90° Pan / Tilt Range 360°/−10° − 80°/s, (Preset speed≥80°/s) Zoom Yes Freset 360 presets Sequence 8 cruises. up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression H.264/AVC codec BP/MP/HP, Level 5.1 H.265 Compression Standard H.265 Compression H.264/AVC codec MP, level 5.0 Standard Standard Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 (1−30fps) Sub Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 (1−30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 (1−30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240(1−30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240(1−30fps) SoHz: 1920×1080 / 1280×720 / 704×480 / 352×240(1−30fps) SoHz: 1920×1080 / 1280×720 / 704×480 / 352×240(1−30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240(1−30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 35	U	1 / 2.8" Progressive Scan CMOS
Min. Illumination B/W: 0.0004Lux @(F1.6, AGC ON); 0 Lux with IR Shutter Speed 1/30 s − 1/30,000 s S/N Ratio ≥50dB Angle Adjustment Any angle Lens Focal Length 5 -75 mm Iris Type DC-Iris Field of View Horizontal: 54° -4°; Vertical: 32° - 2.3° Focus Control Auto / Manual Lens Mount - PTZ Pan / Tilt Range 360°/-10° - 90° Pan / Tilt Speed 0.1° -80°/s,0.1° -80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises, up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression H.264/AVC codec BP/MP/HP, Level 5.1 Standard H.265 Compression H.265/HEVC codec MP, level 5.0 Standard Standard Standard Standard Standard 156/HEVC codec MP, level 5.0 Standard 166/HEVC codec MP, level 5.0 Standard 176/BEV Codec MP, level 5.0 Standard 60Hz: 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 64 Kbps - 16 Mbps Multiple Streamin 60Hz: 1920×1080 / 1280×960 / 1280×720 (1-30fps) Sub Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240 (1-30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352	Effective Pixels	
Shutter Speed 1/30 s − 1/30,000 s 1/30 s − 1/30,000 s 250dB Angle Adjustment	Min Illumination	9 '
S/N Ratio ≥50dB Angle Adjustment Any angle Lens Focal Length 5 -75 mm Frodal Length DC-Iris Field of View Horizontal: 54° -4°; Vertical: 32° - 2.3° Focus Control Auto / Manual Lens Mount - PTZ Pan / Tilt Range 360°/-10° - 90° Pan / Tilt Speed 0.1° -80°/s,0.1° -80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises, up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Video H.265+H.264+/H.265/H.264/MJPEG H.264 Compression H.264/AVC codec BP/MP/HP, Level 5.1 Standard H.265/H.264/AVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps - 16 Mbps Multiple Streaming Triple streams		9
Lens Focal Length 5 - 75 mm Fireld of View Horizontal: 54° - 4°, Vertical: 32° - 2.3° Focus Control Auto / Manual Lens Mount - PTZ Pan / Tilt Range 360°/-10° - 90° Pan / Tilt Speed 0.1° -80°/s,0.1° -80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises. up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression Video Compression H.265/H.264/H.265/H.264/MJPEG H.264 Compression H.265/HEVC codec BP/MP/HP, Level 5.1 Standard H.265/HEVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps - 16 Mbps Multiple Streaming 60Hz: 1920×1080 / 1280×960 / 1280×720 / 1-30fps) Sub Stream 60Hz: 1920×1080 / 1280×720 / 704×480 / 640×480 / 352×240(1-30fps) <td< td=""><td>Shutter Speed</td><td>1/30 s - 1/30,000 s</td></td<>	Shutter Speed	1/30 s - 1/30,000 s
Focal Length	S/N Ratio	≥50dB
Focal Length Iris Type DC-Iris Field of View Horizontal: 54° -4°, Vertical: 32° - 2.3° Focus Control Lens Mount - PTZ Pan / Tilt Range Pan / Tilt Range Pan / Tilt Speed O.1° -80°/s,0.1° -80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises. up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Heater None Video Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression Standard H.265-/H264-AVC codec BP/MP/HP, Level 5.1 H.265 Compression Standard H.265/HEVC codec MP, level 5.0 Standard Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate Video Brate Multiple Streaming Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) 50Hz: 1920×1080 / 1280×720 / To4×480 / 640×480 / 352×240(1-30fps) 50Hz: 1920×1080 / 1280×720 / 704×480 / 640×480 / 352×240(1-30fps) 50Hz: 1920×1080 / 1280×720 / 704×480 / 640×480 / 352×240(1-30fps) Sitrate Control VBR / CBR Five levels under VBR; Freely adjustable under CBR	Angle Adjustment	Any angle
Frist Type	Lens	
Field of View	Focal Length	5 ~75 mm
Focus Control Lens Mount PTZ Pan / Tilt Range 360°/-10° - 90° Pan / Tilt Speed 0.1° -80°/s,0.1° -80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises, up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression H.264/AVC codec BP/MP/HP, Level 5.1 Standard H.265 Compression Standard H.265/HEVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Fire treams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) Sub Stream 50Hz: 1920×1080 / 1280×960 / 1280×720(1-25fps) 60Hz: 704×8576 / 640×480 / 352×240(1-30fps) 50Hz: 704×576 / 640×480 / 352×248(1-25fps) Bitrate Control VBR / CBR Five levels under VBR; Freely adjustable under CBR	Iris Type	DC-Iris
PTZ Pan / Tilt Range	Field of View	Horizontal: 54° ~4°; Vertical: 32° ~ 2.3°
PTZ Pan / Tilt Range 360°/-10° ~ 90° Pan / Tilt Speed 0.1° ~80°/s, 0.1° -80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises, up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression H.265+/H.264/AVC codec BP/MP/HP, Level 5.1 Standard H.265 Compression Standard H.265/HEVC codec MP, level 5.0 Standard Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) SoHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) SOHz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×248(1~25fps) Bitrate Control VBR; Freely adjustable under CBR	Focus Control	Auto / Manual
Pan / Tilt Range 360°/-10° ~ 90° Pan / Tilt Speed 0.1° ~80°/s,0.1° ~80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises, up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.264 Compression H.265+/H.264+/H.265/H.264/MJPEG H.265 Compression H.265/HEVC codec BP/MP/HP, Level 5.1 Standard H.265/HEVC codec MP, level 5.0 Standard H.265/HEVC codec MP, level 5.0 Standard 14.265/HEVC codec MP, level 5.0 Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) Sub Stream 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 352×240(1~30fps) Sub Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps)	Lens Mount	-
Pan / Tilt Speed 0.1° ~80°/s, 0.1° ~80°/s; (Preset speed≥80°/s) Zoom Yes Preset 360 presets Sequence 8 cruises. up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.264 Compression H.265+/H.264+/H.265/H.264/MJPEG H.265 Compression H.265/HEVC codec BP/MP/HP, Level 5.1 Standard H.265/HEVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×2240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×86 / 640×480 / 352×228(1~25fps) Bitrate Control VBR / CBR <td>PTZ</td> <td></td>	PTZ	
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Preset 360 presets Sequence 8 cruises, up to 16 presets for each cruise Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.264 Compression H.265+/H.264+/H.265/H.264/MJPEG H.265 Compression H.265/HEVC codec BP/MP/HP, Level 5.1 Standard H.265/HEVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) 50Hz: 1920×1080 / 1280×1080 / 1280×960 / 1280×720(1~30fps) 50Hz: 704×576 / 640×480 / 352×288(1~25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR	Pan / Tilt Speed	0.1° ~80°/s,0.1° ~80°/s; (Preset speed≥80°/s)
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Trace 4 trace, record time 3 miniutes for each trace Power off Memory Yes Heater None Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression H.264/AVC codec BP/MP/HP, Level 5.1 Standard H.265/HEVC codec MP, level 5.0 Standard H.265/HEVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps) Sub Stream 50Hz: 1920×1080 / 1280×960 / 1280×960 / 1280×720(1~25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Preset	360 presets
Power off Memory Yes Heater None Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression H.264/AVC codec BP/MP/HP, Level 5.1 Standard H.265/HEVC codec MP, level 5.0 Standard H.265/HEVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) Sub Stream 50Hz: 1920×1080 / 1280×960 / 1280×960 / 1280×720(1-25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×288(1-25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×86 / 640×480 / 352×288(1-25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Sequence	8 cruises, up to 16 presets for each cruise
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Video Video Compression H.265+/H.264+/H.265/H.264/MJPEG H.264 Compression H.264/AVC codec BP/MP/HP, Level 5.1 Standard H.265/HEVC codec MP, level 5.0 Standard H.265/HEVC codec MP, level 5.0 Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) 50Hz: 1920×1080 / 1280×960 / 1280×960 / 1280×720(1-25fps) Sub Stream 50Hz: 704×480 / 640×480 / 352×284(1-25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×288(1-25fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1-25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Power off Memory	
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Standard Resolution 2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) Sub Stream 50Hz: 1920×1080 / 1280×960 / 1280×720(1-25fps) Sub Stream 50Hz: 704×480 / 640×480 / 352×240(1-30fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1-30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1-25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	H.265 Compression	HOSE/HENG L MD L LEO
Max.Frame Rate 30fps Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) Sub Stream 50Hz: 1920×1080 / 1280×960 / 1280×720(1-25fps) GoHz: 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Standard	H.265/HEVC CODEC MP, IEVEL 5.0
Video Bit Rate 64 Kbps ~ 16 Mbps Multiple Streaming Triple streams Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) Sub Stream 50Hz: 1920×1080 / 1280×960 / 1280×720(1-25fps) Sub Stream 60Hz: 704×480 / 640×480 / 352×240(1~30fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Resolution	2560×1440 / 1920×1080 / 1280×960 / 1280×720 / D1 / CIF
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Main Stream 60Hz: 1920×1080 / 1280×960 / 1280×720(1-30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720(1-25fps) Sub Stream 60Hz: 704×480 / 640×480 / 352×240(1-30fps) 50Hz: 704×576 / 640×480 / 352×288(1-25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1-30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1-25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Video Bit Rate	64 Kbps ~ 16 Mbps
Main Stream 50Hz: 1920×1080 / 1280×960 / 1280×720(1-25fps) Sub Stream 60Hz: 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 704×576 / 640×480 / 352×288(1~25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Multiple Streaming	Triple streams
50Hz: 1920×1080 / 1280×960 / 1280×720(1-25fps) Sub Stream 60Hz: 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 704×576 / 640×480 / 352×288(1~25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×288(1~25fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Main Stream	60Hz: 1920×1080 / 1280×960 / 1280×720(1~30fps)
Sub Stream 50Hz: 704×576 / 640×480 / 352×288(1~25fps) Third Stream 60Hz: 1920×1080 / 1280×960 / 1280×720 / 704×480 / 640×480 / 352×240(1~30fps) 50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR		50Hz: 1920×1080 / 1280×960 / 1280×720(1~25fps)
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50Hz: 1920×1080 / 1280×960 / 1280×720 / 704×576 / 640×480 / 352×288(1~25fps) Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR		
Bitrate Control VBR / CBR Quality Control Five levels under VBR; Freely adjustable under CBR	Third Stream	
Quality Control Five levels under VBR; Freely adjustable under CBR	Ditroto Control	·
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Image Setting Filp, Mirror, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc.	` '	
	image Setting	Filp, Mirror, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc.

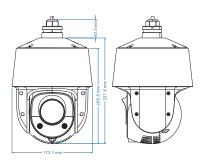




Audio	
Audio Communication	None
Audio Compression	
Format	None
Audio Bit Rate	None
Operational	
Day & Night	IR cut filter with auto switch
Backlight Compensation	Yes
Wide Dynamic Range	True WDR, 120dB
IR Distance	Up to 200M
Digital Noise Reduction	3D DNR
Digital Zoom	Yes
Defog	None
Corridor Pattern	None
Flip / Mirror	Yes
Video Privacy	Yes
Alarm Triggers	Motion detection, Intelligent video analytics, Network disconnect. SD card full, SD card error
Edge Storage	Built-in micro SD card slot, up to 256GB
Backfilling	Yes
Smart Features	
Perimeter Protection	Line crossing, region Entering/Exiting/Intrusion
Face Detection	Face detection and face capture
Road Traffic	Vehicle detecting and tracking
Exception Detection	Scene change, Exception event
Smart Tracking	Yes
Network	
	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP,
Network Protocol	SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP,
	IGMP, ICMP, DHCP, PPPoE, P2P
	User authentication (ID and PW), Host authentication
Cyber Security	(MAC address); HTTPS encryption, IEEE802.1x port-based
	network access control; IP address filtering
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission
Remote Monitoring	Webviewer browsing, Holis Pro, Holis Lite, ExacqVision, victor
API	ONVIF, HAPI3, iAPI3
ALI	UNVII, HAFIS, IAFIS

Interface	
Network	RJ45
Audio	None
Video Output	None
Onboard Storage	Built-in micro SD/SDHC/SDXC slot
RS485	None
Alarm	None
Hardware Reset	Yes
Environmental	
Operating Temperature	- 30 °C ~ 65 °C
Operating Humidity	≤90%
Ingress Protection	IP66
Vandal Resistance	-
General	
Power Supply	DC12V / PoE+ (no power adapter in the package)
Power Consumption	12W
Dimensions (mm)	173mm × 268mm
Material	Metals
Weight	Approx.2.1KG
Installation	Wall mounting, Pole mounting, Pendant mounting, Corner mounting and In-ceiling(no accessories in the package)
Certification	ROHS, CE, FCC

Dimensions





Accessories



Ordering Information

Model	Description
ISE-P02Z152S-N	H.265 2MP PTZ N/W Camera, 1/2.8" CMOS, 15x Optical Zoom, 200M IR, Micro SD, DC12V / PoE, IP66, Smart IVA

About Johnson Controls

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimising building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers, and manufacturing. With a global team of 105,000 experts in more than 150 countries and more than 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, York®, Metasys®, Ruskin®, Titus®, Frick®, Penn®, Sabroe®, Simplex®, Ansul® and Grinnell®.

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