

Z813-P1

4MP Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 4.3x Zoom Lens



- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 4.3x Zoom Lens, f2.8-12/F1.6, Auto focus (for installation)
- Extreme WDR (130dB)
- Wide Angle

► Specifications

Device

Product Type	Zoom Dome
Maximum Resolution	4MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.003 lux at F1.6 (AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 2 (850 nm)
IR Working Distance	40m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	75 dB

Lens

Focal Length	Zoom, f2.8-12mm
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Aperture	F1.6
Zoom Ratio	4.3x optical zoom
Zoom Application	Camera Installation
Iris	Fixed iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	91.5° - 34°
Vertical Viewing Angle	51° - 18.9°
Viewing Angle Adjustment	Pan: 3°-360°, Tilt: 0°-70°, Rotation: 3°-360°

Video

Compression	H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.264 Adaptive Stream (equivalent to Zip or Smart Stream or H.264+), MJPEG
Maximum Frame Rate vs. Resolution	25 fps at 2688 x 1520 25 fps at 2560 x 1440 30 fps at 2304 x 1296 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 640 x 360
Multi-Streaming	Simultaneous dual streams
Wide Dynamic Range	Extreme WDR (130 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Highlight compensation (HLC), Defogging, Digital Noise Reduction
Digital Noise Reduction	2D + 3D DNR

Audio

Audio Type	2-way, Built-in Microphone, Line-in, Line-out
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Network

Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level

Interface

Digital Input/Output	1/1
Operating Button	Reset Button

General

Environmental Casing	Weatherproof (IP67)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Surge Protection	6KV