

Features

- 120dB True WDR, 3DNR
- Max. 4K resolution
- CVI/CVBS/AHD/TVI switchable
- 2.8mm Fixed lens
- Max. IR length 30m, Smart IR
- IP67, 12V±30%DC



Specification

Camera	
Image Sensor	1/2.7 inch CMOS
Effective Pixels	3840 (H)×2160 (V), 4K
Electronic Shutter Speed	1/4s-1/100000s
Minimum Illumination	0.03Lux/F2.0, 30IRE, 0Lux IR on
IR Distance	Distance up to 30m (98.43ft)
IR On/Off Control	Auto; manual
IR LEDs Number	1
Pan/Tilt/Rotation Range	Pan: 0°-360° Tilt: 0°-78° Rotation: 0°-360°
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	2.8mm
Max. Aperture	F2.0

Angle of View	125°×105°×56° (diagonal×horizontal×vertical)
Iris Type	Fixed iris
Close Focus Distance	1m/3.28ft
DORI Distance	D: 75m (246ft); O: 30m (98ft); R: 15m (49ft), I: 8m (26ft)
Video	
Video Frame Rate	CVI: 4K@15fps; 5M@20fps; 4M@25fps/30fps CVBS: PAL/NTSC AHD: 4K@15fps; 5M@20fps; 4M@25fps/30fps TVI: 4K@15fps; 5M@20fps; 4M@25fps/30fps
Resolution	4K (3840×2160); 5M (2592×1944); 4M (2560×1440); 960H (960×576/960×480)
Day/Night	Auto switch by ICR
BLC	BLC/HLC/WDR
WDR	120dB/WDR
White Balance	Auto; manual
Gain Control	Auto; manual
Noise Reduction	2D&3D NR
Smart IR	Yes
Electronic Defog	Yes
Digital Zoom	4X
Mirror	Off/On
Privacy Masking	Off/On (8 Area, Rectangle)
Port	
Video Port	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Power	
Power Supply	12V±30% DC
Power Consumption	Max 5.2W (12V DC, IR on)
Environment	
Operating Temperature	-40°C to +60°C (-40°F to +140°F); <95% (non-condensation)
Storage Temperature	-40°C to +60°C (-40°F to +140°F); <95% (non-condensation)
Protection Grade	IP67
Structure	
Casing	Inner core: metal+plastic; cover: plastic
Dimensions	Dia.97.0mm×85.8mm (Dia.3.82"×3.38")
Net Weight	300g (0.66lb)
Gross Weight	380g (0.84lb)