

Camera					
Image Sensor	1/2.8 inch 2.16 Mega Pixels CMOS				
Effective Pixels	1920 (H)×1080 (V), 2MP				
Electronic Shutter Speed	PAL:1/25s–1/100000s NTSC:1/30s–1/100000s				
Minimum Illumination	0.005Lux/F1.6, 30IRE, 0Lux white Light on				
Fill Light (White Light) Distance	Distance up to 40m (131.23ft)				
Fill Light On/Off Control	Auto; Manual				
Fill Light Number	2				
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–180° Rotation: 0°–360°				
Lens					
Lens Type	Fixed-focal				
Mount Type	M12				
Focal Length	2.8m/3.6mm				
Max. Aperture	F1.6				
Angle of View	2.8mm: 126.2°×106.0°×56.5° (diagonal×horizontal×vertical) 3.6mm: 103.6°x86.9°x46.3° (diagonal×horizontal×vertical)				
Iris Type	Fixed iris				
Close Focus Distance	2.8mm: 0.6m (1.97ft) 3.6mm: 1.2m (3.94ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	38.6m (126.6ft)	15.4m (50.5ft)	7.7m (25.3ft)	3.9m (12.8ft)
	3.6mm	55.2m (181.1ft)	22.1m (72.5ft)	11.0m (36.0ft)	5.5m (18.0ft)
Video					
Video Frame Rate	CVI: PAL: 1080@25fps, 720@25fps, 720@50fps; NTSC: 1080@30fps, 720@30fps, 720@60fps AHD: PAL: 1080@25fps,720@25fps; NTSC: 1080@30fps,720@30fps TVI: PAL: 1080@25fps,720@25fps,720@50fps; NTSC: 1080@30fps,720@30fps,720@60fps CVBS: PAL: 960×576H; NTSC: 960×480H				
Resolution	1080P (1920×1080); 720P (1280×720); 960H (704× 576/704×480)				
BLC	BLC/HLC/WDR				
WDR	DWDR				
White Balance	Auto; Manual				
Gain Control	Auto; Manual				
Noise Reduction	2D NR				
Smart Light	Yes				
Electronic Defog	Yes				

Digital Zoom	16X
Mirror	Off/On
Privacy Masking	Off/On (4 area, rectangle)
Certification	
Certifications	CE (EN55032, EN55024, EN50130-4,EN60950-1) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)
Interface	
Audio Interface	Built-in mic(-A)
Port	
Video Port	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 5W (12V DC, white light 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	Metal front cover+plastic main body+metal bracket
Dimensions	198.4mm×80.2mm×76.2mm (7.81"×3.16"×3.00")
Net Weight	0.3Kg(0.66lb)
Gross Weight	0.45Kg(0.99lb)