



DCC8FB28L-A



Key Features



- 120dB true WDR, 3DNR
- Max. 4K resolution
- CVI, CVBS, AHD, TVI switchable
- Built-in Mic (-A)
- Fixed lens (2.8mm, 3.6mm, 6mm optional)
- Max. IR length 30m, Smart IR
- IP67, 12V±30%DC



Specifications

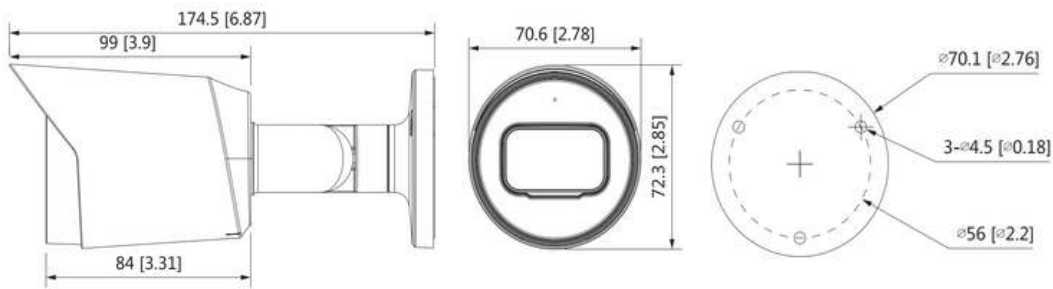
Camera		DCC8FB28L-A			
Image Sensor		1/2.7" CMOS			
Effective Pixels		3840 (H) x 2160 (V), 4K			
Electronic Shutter Speed		PAL: 1/3s ~ 1/100,000s NTSC: 1/4s ~ 1/100,000s			
IR Distance		Distance up to 30m (98.43ft)			
IR On/Off Control		Auto, manual			
IR LEDs		1			
Pan/Tilt/Rotation Range		Pan: 0° ~ 360° Tilt: 0° ~ 180° Rotation: 0° ~ 360°			
Lens					
Lens Type		Fixed-Focal			
Mount Type		M12			
Focal Length		2.8mm, 3.6mm, 6mm			
Max. Aperture		F2.0			
Angle of View		2.8mm: Horizontal: 105°, Vertical: 56°, Diagonal: 125° 3.6mm: Horizontal: 87°, Vertical: 47°, Diagonal: 104° 6mm: Horizontal: 54.7°, Vertical: 31.3°, Diagonal: 62.4°			
Iris Type		Fixed Iris			
Close Focus Distance		1m (3.28ft) 1.8m (5.91ft) 3.6m (11.81ft)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	75m (246ft)	30m (98ft)	15m (49ft)	8m (26ft)
	3.6mm	107m (351ft)	43m (141ft)	21m (69ft)	11m (36ft)
	6mm	160m (525ft)	64m (210ft)	32m (105ft)	16m (52ft)
Video					
Video Frame Rate		CVI: 4K@15fps, 5M@20fps, 4M@25/30fps CVBS: PAL/NTSC AHD: 4K@15fps, 5M@20fps, 4M@25/30fps TVI: 4K@15fps, 5M@20fps, 4M@25/30fps			
Resolution		4K (3840 x 2160), 5M (2592 x 1944), 4M (2560 x 1440), 960H (960 x 576, 960 x 480)			



Day/Night	Auto switch by ICR
BLC	BLC, HLC, 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)
Certifications	
Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 Subpart B, 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 of one BNC port
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	Metal throughout the whole casing
Dimensions	174.5mm x 70.6mm x 72.3mm (6.87" x 2.78" x 2.85")
Net Weight	350g (0.77lb)
Gross Weight	450g (0.99lb)



Dimensions



Accessories



PFAI34
Water-Proof
Junction Box



PFAI52-E
Pole Mount
Bracket