DCC8VD-A

Key Features

- Max. 15fps@4K
- 120 dB true WDR, 3D NR
- Smart IR Illumination
- Illumination distance: 40m
- Built-in Mic (-A)
- 3.6mm fixed lens (2.8mm optional)
- CVI, CVBS, AHD, TVI switchable
- IP67, IK10, 12 VDC

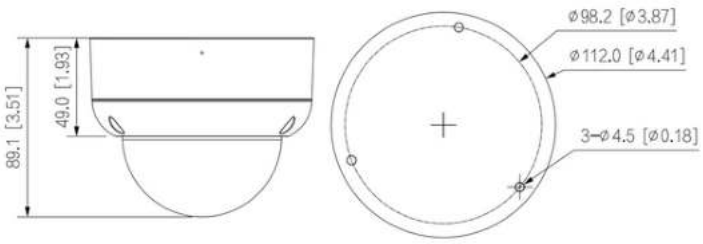
Specifications

Camera	DCC8VD-A
Pixel	8MP
Image Sensor	4K CMOS
Max. Resolution	3840 (H) x 2160 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25s ~ 1/100000s NTSC: 1/30s ~ 1/100000s
Min. Illumination	0.01 Lux@F2.0 (Color, 30 IRE) 0.001 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator On)
S/N Ratio	>65dB
Illumination Distance	40m (131.23ft)
Illuminator On/Off Control	Auto, manual
Illuminator Number	3 (IR Light)
Pan/Tilt/Rotation Range	Pan: 0° ~ 355° Tilt: 0° ~ 75° Rotation: 0° ~ 355°
Lens	
Lens Type	Fixed-Focal
Mount Type	M12
Focal Length	2.8mm, 3.6mm
Max. Aperture	F2.0
Field of View	2.8mm: Horizontal: 106°, Vertical: 56°, Diagonal: 125° 3.6mm: Horizontal: 88°, Vertical: 46°, Diagonal: 105°
Iris Type	Fixed
Close Focus Distance	2.8mm: 1.3m (4.27ft) 3.6mm: 1.9m (6.23ft)

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	88m (288.71ft)	35.2m (115.49ft)	17.6m (57.74ft)	8.8m (28.87ft)
	3.6mm	106.7m (350.07ft)	42.7m (140.09ft)	21.3m (69.88ft)	10.7m (35.10ft)

Video	
Frame Rate	CVI: PAL: 4K@15fps, 5M@25fps, 4M@25fps, 1080p@25fps NTSC: 4K@15fps, 5M@25fps, 4M@30fps, 1080p@30fps TVI: PAL: 4K@15fps NTSC: 4K@15fps AHD: PAL: 4K@15fps NTSC: 4K@15fps CVBS: PAL: 960H NTSC: 960H
Resolution	4K (3840 x 2160), 5M (2880 x 1620), 4M (2560 x 1440), 1080p (1920 x 1080), 960H (960 x 576, 960 x 480)
Day/Night	Auto (ICR), Color & B/W
BLC	BLC, HLC, DWDR, HLC-Pro
WDR	120dB
White Balance	Auto, area white balance
Gain Control	Auto, manual
Noise Reduction	3D NR
Smart IR	Smart IR
Defog	Electronic Defog
Mirror	Yes
Privacy Masking	Off/On (8 area, rectangle)
Certification	
Certifications	CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035 FCC: 47 CFR FCC Part 15, Subpart B; UL: UL62368-1 + CAN/CSA C22.2 No. 62368-1-14
Port	
Video Output	Video output choices of CVI, TVI, AHD, CVBS by one BNC port
Audio Output	1-Channel built-in Mic (-A)
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 4.2W (12 V DC, IR On)

Environment	
Operating Temperature	-40°C to +60°C (-40°F to 140°F); <95% (non-condensation)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	-40°C to +60°C (-40°F to 140°F); <95% (non-condensation)
Protection Grade	IP67, IK10
Structure	
Casing	Metal
Product Dimensions	ϕ112.0mm x 89.1mm (ϕ4.41" x 3.51")
Packaging Dimensions	147 mm × 138 mm × 135 mm (5.79" × 5.43" × 5.31")
Net Weight	0.45 Kg (0.99lb)
Gross Weight	0.64 Kg (1.41lb)
Installation	Wall mount, ceiling mount, vertical pole mount
Dimensions	



Accessories

PFA136
Junction box

PFB203W
Wall Mount Bracket

PFA152-E
Pole Mount Bracket

PFA106
Mount Adapter

PFB220C
Ceiling Mount Bracket