



DCC8TD-FC-A



Key Features



- Max. 15fps@4K
- 120 dB true WDR, 3D NR
- 24/7 color imaging
- Illumination distance: 40m
- Super Adapt
- Built-in Mic (-A)
- 3.6mm fixed lens (2.8mm optional)
- CVI, CVBS, AHD, TVI switchable
- IP67, 12 VDC



Specifications

Camera		DCC8TD-FC-A			
Pixel		8MP			
Image Sensor		8MP CMOS			
Max. Resolution		3840 (H) x 2160 (V)			
Scanning System		Progressive			
Electronic Shutter Speed		PAL: 1/3s ~ 1/100000s NTSC: 1/4s ~ 1/100000s			
Min. Illumination		0.001 Lux@F1.0 (Color) 0 Lux (Illuminator On)			
S/N Ratio		>65dB			
Illumination Distance		40m (131.23ft)			
Illuminator On/Off Control		Auto, manual			
Illuminator Number		2 (Warm Light)			
Pan/Tilt/Rotation Range		Pan: 0° ~ 360° Tilt: 0° ~ 78° Rotation: 0° ~ 360°			
Lens					
Lens Type		Fixed-Focal			
Lens Mount		M12			
Focal Length		2.8mm, 3.6mm			
Max. Aperture		F1.0			
Field of View		2.8mm: Horizontal: 106°, Vertical: 55°, Diagonal: 125° 3.6mm: Horizontal: 85°, Vertical: 45°, Diagonal: 100°			
Iris Type		Fixed			
Close Focus Distance		2.8mm: 2.0m (6.56ft) 3.6mm: 2.8m (9.19f)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	91.0m (298.56ft)	36.4m (119.42ft)	18.2m (59.71ft)	9.1m (29.86ft)
	3.6mm	107.6m (353.02ft)	43.0m (141.08ft)	21.5m (70.54ft)	10.8m (35.47ft)

**Video**

Frame Rate	CVI: PAL: 4K@15fps, 5M@25fps, 4M@25fps NTSC: 4K@15fps, 5M@25fps, 4M@30fps AHD: PAL: 4K@15fps NTSC: 4K@15fps TVI: PAL: 4K@15fps NTSC: 4K@15fps CVBS: PAL: 960H NTSC: 960H
Resolution	4K (3840 x 2160), 5M (2880 x 1620), 4M (2560 x 1440), 960H (960 x 576, 960 x 480)
Day/Night	Color
BLC	BLC, HLC, DWDR, HLC-Pro
WDR	120dB
White Balance	Auto, area white balance
Gain Control	Auto
Noise Reduction	3D NR
Illumination Mode	Smart Light
Defog	Electronic Defog
Digital Zoom	4x
Mirror	Yes
Privacy Masking	Off/On (8 area, rectangle)

Certification

Certifications	CE (EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010+A1:2015, EN55035:2017, EN50130-4:2011+A1:2014, EN62368-1:2014+A11:2017) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL62368-1+CAN/CSA C22.2 No.62368-1-14)
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Port

Video Output	Video output choices of CVI, TVI, AHD, CVBS by one BNC port
Audio Output	1-Channel built-in Mic

**Power**

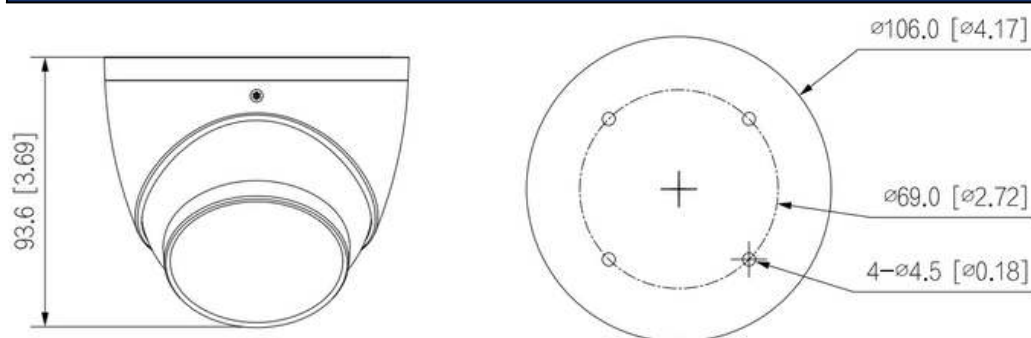
Power Supply	12 VDC $\pm$ 30% (It is recommended to use a power adapter to supply the power for one camera)
Power Consumption	Max 6.9 W (12 VDC, LED on)

Environment

Operating Temperature	-40°C to +60°C (-40°F to 140°F)
Operating Humidity	< 95% (RH), non-condensing
Storage Temperature	-40°C to +60°C (-40°F to 140°F)
Protection Grade	IP67

Structure

Casing	Metal
Product Dimensions	ϕ 106.0 mm $\times$ 93.6 mm (ϕ 4.17" $\times$ 3.69")
Packaging Dimensions	148 mm $\times$ 139 mm $\times$ 137 mm (5.83" $\times$ 5.47" $\times$ 5.39")
Net Weight	0.5 kg (1.10 lb)
Gross Weight	0.67 kg (1.48 lb)
Installation	Wall mount, ceiling mount, vertical pole mount

Dimensions**Accessories**PFA130-E
Junction boxPFB204W
Wall Mount BracketPFA152-E
Pole Mount BracketPFA106
Mount AdapterPFB220C
Ceiling Mount
Bracket