

# TDODHS8F

## 8MP HDCVI IR-FISHEYE CAMERA



### FEATURES:

- 1/2" 8Megapixel progressive scan CMOS
- Panoramic fisheye lens
- Max. 15fps@4K
- 120db true WDR, 2D&3D NR
- On-device lens distortion correction
- Max. 49ft IR distance
- IP67&IK10 ingress protection
- Up to 500m transmission with RG59 coaxial cable

# Specifications:

<b>Model</b>	<b>TDODHS8F</b>	
<b>Camera</b>		
Image Sensor	1/2" 8MP CMOS	
Effective Pixels	3840(H)×2160(V)	
Scanning System	Progressive	
Electronic Shutter Speed	PAL:1/4s~1/100,000s NTSC:1/3s~1/100,000s	
Min. Illumination	0.01Lux/F2.0 (Color), 30IRE, 0lux IR on	
S/N Ratio	More than 65dB	
IR Distance	49ft	
IR On/Off Control	Auto (ICR)/Color/B/W	
IR Leds	3	
Audio	Built-in mic	
<b>Lens</b>		
Lens Type	Fixed lens / Fixed iris	
Mount Type	Board-in	
Focal Length	2.5mm	
Max Aperture	F2.0	
Angle of View	H: 180°, V:100°	
Focus Control	N/A	
Close Focus Distance	0.6m(23.6")	
<b>DORI Distance</b>		
Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.		
	DORI Definition	Distance
Detect	25px/m (8px/ft)	53m (173.8ft)
Observe	63px/m (19px/ft)	21.2m (69.6ft)

Recognize	125px/m (38px/ft)	10.6m (34.7ft)
Identify	250px/m (76px/ft)	5.3m (17.4ft)
<b>Pan / Tilt / Rotation</b>		
Pan/Tilt/Rotation	Pan: NA Tilt: NA Rotation: NA	
<b>Video</b>		
Resolution	8MP (3840x2160)/4M(2560x1440)	
Frame Rate	PAL:3840x2160@12.5fps,2560x1440@25fps; NTSC:3840x2160@15fps,2560x1440@30fps;	
Video Output	1-channel HDCVI 4K video output & 1-channel CVBS video output	
Day/Night	Auto (Electronic) / Manual	
OSD Menu	Multi-language	
BLC Mode	BLC / HLC / WDR	
WDR	120dB	
Gain Control	AGC	
Noise Reduction	2D/3D	
White Balance	Auto / Manual	
Smart IR	Auto / Manual	
<b>Certifications</b>		
Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)	
<b>interface</b>		
Alarm I/O	2/1	
<b>Electrical</b>		
Power Supply	12V DC $\pm$ 25%	
Power Consumption	7.4W (IR ON)	
<b>Environmental</b>		
Operating Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 95% RH * Start up should be done at above -30°C (-22°F)	
Storage Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 95% RH	
Ingress Protection & Vandal Resistance	IP67 & IK10	

<b>Construction</b>	
Casing	Aluminium
Dimensions	Φ149.8mm x 47.7mm(Φ5.9"x 1.88")
Net Weight	0.56kg (1.23lb)
Gross Weight	0.92kg (2.02lb)

# Accessories:

Optional:



PFA100  
Mount adapter



PFB302S  
Wall mount



PFA152-E  
Pole mount



PFB300C  
Ceiling Mount



PFM800-E  
Passive HDCVI Balun



PFM320  
12V 2A Power Adapter



PFM320D-015  
Power Adapter



PFM321  
12V 1A Power Adapter

Wall Mount	Pole Mount
PFA100+PFB302S	PFA100+PFB302S+PFA152-E
<b>Ceiling Mount</b> PFA100+PFB300C	

# Dimensions:

