



TECHNICAL PRODUCT SHEET

TD0ECM540LIR2A

5MP All Color With Smart Dual Light Turret Analog Camera



Features

- High quality imaging with 5MP resolution
- TVI/AHD/CVI/CVBS
- Supports IR-cut filter with auto-switch (ICR)
- Smart Dual Light (only TVI)
- Supports 180° horizontal flip, 180° vertical flip
- OSD configuration menu, easy to operate
- IP67 waterproof and dustproof design, high reliability
- OSD configuration menu in 11 languages
- Built-in microphone for high quality audio transmission via coaxial cables

Technical Specification

Sensor	
Pixel	5 MP
Sensor Size	1/2.7" CMOS
Min. Illumination	0.005 lux (F1.6, AGC ON) 0 lux (Illuminator ON)
Lens	
Focus	2.8 mm
Lens Mount	M12
Angle of View (H)	110.0°
Angle of View (V)	57.0°
Angle of View (D)	130.0°
Illuminator	
Illuminator Number	Two IR illuminators; Two white-light illuminators
Illumination Distance	IR: 40m (131.23 ft) White light: 40m (131.23ft)
Lifetime	≥ 60000 hours
Video	
Resolution	5MP@25fps: 2880(H)×1620(V); 5MP@20fps: 2592(H)×1944(V); 5MP@12.5fps: 2592(H)×1944(V) 4MP: 2560(H)×1440(V) 1080P: 1920(H)×1080(V)
Frame Rate	TVI: 5MP@20fps (default), 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps AHD: 5MP@20fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVBS: PAL, NTSC
Shutter Time	PAL: 1/25s-1/50000s, NTSC: 1/30s-1/50000s
Image	
Exposure Mode	Four modes: Global (default), BLC, HLC, DWDR
Day/Night	Three modes: Auto (default), Day, Night
Digital Noise Reduction	2D
White Balance	Two modes: Auto (default), Manual

WDR	DWDR
Light Mode	Dual light (default) , Infrared, White light
Flip	Supports 180°horizontal flip, 180°vertical flip
Audio	
Built-in Mic	Support
Camera Audio	TVI: 5MP@20fps, 5MP@12.5fps, 4MP@25fps, 4MP@30fps, 1080P@25fps, 1080P@30fps CVI: 5MP@25fps, 4MP@25fps, 4MP@30fps
Interface	
Power Interface	5.5 mm Power Interface
Video Output	BNC, supports TVI/AHD/CVI/CVBS
Operating Environment	
Temperature	-30 ℃ to 60 ℃ (-22 ℃ to 140 ℃)
Humidity	≤ 95% RH (non-condensing)
Surge Protection	4kV for power&4kV for video output interfaces
General	
Power	DC 12 V ± 25%
Power Consumption	MAX 3.5W
Mount	Corner Mount&Pole Mount&Wall Mount&Pendant Mount
Dimensions	Φ117.8mm*96.5mm (diameter*height)
Material	Metal + Plastic
Weight	239g(0.53lb)
OSD Menu Language	11 Languages: English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035), FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1)
Environment	CE-RoHS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)

Dimensions

