



## ULT-P2TIR28LC

2 Megapixel IP Plug & Play Turret,  
DWDR, 98' EXIR Range, PoE/DC12V

### Features

- 2 Megapixel (1920 x 1080) Resolution
- Fixed Lens
- H.265+/H.265/H.264+/H.264/MJPEG Compression
- True Day/Night
- D-WDR
- 98' IR Range
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free Mac Client

Camera	ULT-P2TIR28LC
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @( F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	Digital WDR
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°
Lens	
Focal Length	2.8 mm, 4 mm,
Aperture	F2.0
FOV	2.8 mm, horizontal FOV 114.5°, vertical FOV 62°, diagonal FOV 135.5°, 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°
Lens Mount	M12
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-set	
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	1920 x 1080
Main Stream, Max. Frame Rate	50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720)
Sub-stream, Max. Frame Rate	50Hz: 25fps (640 x 480, 640 x 360, 320 x 240) 60Hz: 30fps (640 x 480, 640 x 360, 320 x 240)
Image Enhancement	BLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled
Network	
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Firmware Version	5.5.2
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: Administrator, Operator and User
Client	CMS, Guarding Vision
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, Max: 6.5 W
Ingress Protection	IP67
Material	Metal & Plastic
Dimensions	Camera: Ø 110 mm x 93.2 mm ( 4.3" x 3.7") With package: 150 mm x 150 mm x 141 mm (5.9" x 5.9" x 5.6")
Weight	Camera: approx. 360 g (0.8 lb.) With package: approx. 610 g (1.3 lb.)

### Ordering Information

**ULT-P4TIR28:** 4 Megapixel Turret, 2.8mm, White Housing