4K HD Full-color Omniview Series Light and Audible Warning Fixed Turret Network Camera

T2T-8F28-180



Specifications

Model	T2T-8F28-180
Camera	
Max Resolution	8 MP
Sensor	1/2.5" CMOS
Min. Illumination	Color: 0.002 Lux (F1.0, AGC ON), 0 Lux with light
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
S/N	>52 dB
WDR	130 dB
Lens	
Focal Length	2.8 mm
Iris	F1.0
Field of View (H)	180°
Field of View (V)	65°
Field of View (D)	180°
Lens Type	Fixed
Iris Type	Fixed
DORI	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	63.1 m (207.0 ft)
DORI Distance (Observe)	25.2 m (82.7 ft)

DORI Distance (Recognize)	12.6 m (41.3 ft)
DORI Distance (Identify)	6.3 m (20.7 ft)
Illuminator	
Illumination Distance (IR)	30 m (98.4 ft)
Illumination Distance (Warm Light)	30 m (98.4 ft)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Light On/Off Control	Auto/Manual
Supplemental Light	Dual light
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual streams
Frame Rate-Main Stream	8 MP (4096 × 1860), max. 20 fps
Frame Rate-Sub Stream	2048 × 936, max. 20 fps
Image	
Auto Scene Match (ASM)	Support (only WDR)
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	N/A
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
Image Stabilization	N/A
Intelligent	
Perimeter Protection	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Statistical Analysis	N/A
Attribute Collection	Perimeter Protection with color search
Events	
Basic Detection	Motion detection, Smart motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output
Audio	

Audio Compression	G.711U, G.711A, AAC-LC
Audio Bitrate	G.711U/G.711A: 64 kbps, AAC-LC: 128 kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	API, SDK, ONVIF (Profile S, Profile G, Profile T, Profile M)
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF
Client	GuardStation, APP
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I/O	1 Input: impedance 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in dual-mic
Built-in Speaker	Support
WIFI	N/A
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130) FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1) CB (IEC 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529) IK10 (IEC 62262)
General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 12.6 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø128.7 mm × 109.9 mm (Ø5.1" × 4.3") (Ø × H)
Weight	0.86 kg (1.90 lb)

Material	Metal
Working Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

Dimensions

