

Smart IP Camera 2MP

ZIP-3612LT-DM-F28M

**2MP**

ColorHunter



Built-in Mic



Edge Storage



HLC

**Ultra
H.266**

POE



IP 67

Features

- High quality image with 2MP, 1/2.9"CMOS sensor
- 2MP (1920*1080)@30/25fps; 720P (1280*720)@30/25fps
- Ultra H.265,H.265, H.264
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Warm Light, up to 30m (98ft) warm light distance
- 2D/3D DNR (Digital Noise Reduction)
- Support 512GB Micro SD card IP67
- Support PoE power supply
- 3-Axis

Specifications

Model

ZIP-3612LT-DM-F28M

Camera	
Max Resolution	2 MP
Sensor	1/2.9" CMOS
Min. Illumination	Colour: 0.005 lux (F1.6, AGC ON) 0 Lux with light
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°
S/N	>52 dB
WDR	DWDR
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	101.1°
Field of View (V)	55.0°
Field of View (D)	111.0°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8mm
DORI Distance (Detect)	45.0(147.6ft)

DORI Distance (Observe)	18.0(59.1ft)
DORI Distance (Recognize)	9.0(29.5ft)
DORI Distance (Identify)	4.5(14.8ft)
Illuminator	
Supplemental Light	Dual light
Illumination Distance (IR)	30 m (98.4 ft)
Illumination Distance (Warm Light)	30 m (98.4 ft)

Wavelength	850 nm
IR On/Off Control	Auto/Manual

Video	
Video Compression	Ultra 265, H.265, H.264
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 2MP (1920*1080),Max 30fps; 720P (1280*720),Max 30fps Sub Stream: 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps
Video Bit Rate	128 Kbps to 6144 Kbps
Smart-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Dual Streams

Image	
--------------	--

White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Flip Vertical, Flip Horizontal, 180°
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog

Events

Basic Detection	Human Body Detection, Motion Detection, Audio Detection
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication

Audio

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support

Sampling Rate	8 kHz
---------------	-------

Storage

Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)

Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, QoS, SSL/TLS, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
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	Guard Station, Guard Live, Guard View, ZetPro VMS
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	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
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) 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)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 4.5W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø118 x 98mm (Ø4.6" x 3.9") (Ø x H)
Weight	0.29kg(0.64lb)
Material	Metal + Plastic
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	N/A
Web Client Language	4 Languages English, Russian, Spanish, Vietnamese

Dimensions

