

2.0M HD IP Mini Bullet Camera

XV-ML2016-IR series



The **XV-ML2016-IR** series IP mini bullet camera adopted the MStar high performance video imaging & streaming processor combined with the latest CMOS sensor.

The **XV-ML2016-IR** series can capture and stream “real-time 2.0M” video based on the standard H.264/H.265 technology.

Excellence HDTV Performance

With 2MP performance, It supports 2MP +Full D1 multi-stream resolution..

Optimized H.265 Stream & Bandwidth

Based on MStar DSP and CMOS sensor in **XV-ML2016-IR** generates perfect low bit-rate streams with high quality video.

Automatic Day/Night ICR

With automatic day/night IR Filter mechanism, camera can adapt easily to day/night scene with IR support.

(XV- ML2016-IR)

IR LED Synchronization

With 12 DC IR LED power supply and IR LED synchronization control interface, **XV- ML2016-IR** is ready for advanced IR control.



Features

- 2MP Image Quality
- MStar DSP + Full HD Sensor
- Privacy Zones, Motion Detection
- High Performance H264/H265 codec
- ONVIF 17.01 compliant
- LED IR up to 15M

Specification

CAMERA	
Image Sensor	1/2.7" 2.0 Progressive Scan CMOS
Effective Pixels	Approx. 2.0 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
MIN. Illumination	Color: 0.02 Lux @ F1.2 , B/W: 0.01 lux @ F1.2
Day & Night	Auto / Day / Night (ICR)
Lens type	F=3.6mm (Manual Fixed lens) (2.8mm, 6mm optional)
Electronic Shutter	1/10000s to 1/25s
Auto Control	AWB/AGC/AE/AIC
DNR	3D-MCTF DNR
Compress Standard	
Video Compression Standard	H.264 / H.265
H.264 Decode level	High, Main, Base profile
Compressed Output bit rate	500kbps ~ 6Mbps
Video Image	
Max resolution	2MP + Full D1
Frame Rate	2MP 25fps/30fps
Horizontal Definition	>1000TVL
Multi-Stream	2MP + Full D1
Video Stream	Multichannel H.264/H.265 video stream: support multichannel stream output with full frame rate in maximum resolution, frame rate and bandwidth adjustable, H.264/H.265 support VBR/CBR.
Image Setting	Image format, code rate, luminance, contrast, saturation, sharpness, AWB Multi-zone intelligent OSD Image rotation & Mirror Automatic control (AWB/AGC/AES/AI) Day/Night mode (Auto/ Manual/Schedule) 3D-MCTF digital noise reduction Latitude & Longitude image mode
Backlight Compensation	support
Day and Night Mode	Automatic
Other Function	restore factory Settings, Anti-Flicker ,Multiple code stream, Heartbeat, image rotation, Privacy masking, Set access port
Network	
Protocol	IPv4, TCP/IP, UDP, HTTP, DHCP, RTP/RTCP/RTSP,FTP, UPnP, DDNS,NTP
ONVIF	Support
Security	Password protect, multiple-user access control
API	Support software API, include SDK
Interface /Environment/Operation	
Network interface	10Base-T/100Base-T
Temperature /Humidity	-10℃~50℃, <90% RH (non-condensing)
Power Supply	DC12V,Built-in PoE module
Power Consumption	<6W MAX
Size (mm)	163.1 x 63.6 x 62.3 mm
Construction	Aluminum Shell
Weight	400g