

2.0M HD IP Outdoor Dome Camera

XV-OVE2016-IR series



The **XV-OVE2016-IR** series IP Vandal Dome camera adopted the MStar high performance video imaging & streaming processor combined with the latest CMOS sensor.

The **XV-OVE2016-IR** series can capture and stream “real-time 2.0M (1080p)” video based on the standard H.264/H.265 technology.

Excellence HDTV Performance

With true HDTV performance, It supports HDTV 1080p+Full D1 multi-stream resolution..

Optimized H.265 Stream & Bandwidth

Based on MStar DSP and CMOS sensor in **XV-OVE2016-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- OVE2016-IR)

IR LED Synchronization

With 12 DC IR LED power supply and IR LED synchronization control interface, **XV- OVE2016-IR** is ready for advanced IR control.



TRUE H.264
MPEG-4 AVC

Features

- HD 1080p 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 | FHD/1080p + Full |
| Frame Rate | 25fps/30fps |
| Horizontal Definition | >1000TVL |
| Multi-Stream | FHD/1080P + 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/AE/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 | <7W MAX |
| Size (mm) | 120 Φ x 70mm (H) |
| Construction | Polycarbonate bubble /Aluminum Shell |
| Weight | 400g |