



X2 VIDEO X2-CCTV-CAM-420 DATASHEET

Overview

Part of the X2 Video professional CCTV range, the X2-CCTV-CAM-420 is a vandal proof outdoor IR network dome camera that produces exceptional 4-megapixel high definition 1080p video footage. With an array of features including 120dB true wide dynamic range and inbuilt IR technology which delivers up to 30m of unparalleled clarity at night. This camera is designed to produce well-balanced images in harsh lighting conditions. Additionally, it is fitted with a 2.8mm fixed lens which is great for covering wide areas, allowing you to focus in on the essential detail. The X2 Video professional CCTV range is designed to bring an affordable surveillance solution to the commercial and residential market without compromising quality or reliability. The cameras have undergone rigorous testing to deliver 24/7 crystal clear video surveillance and includes a 3 year warranty.

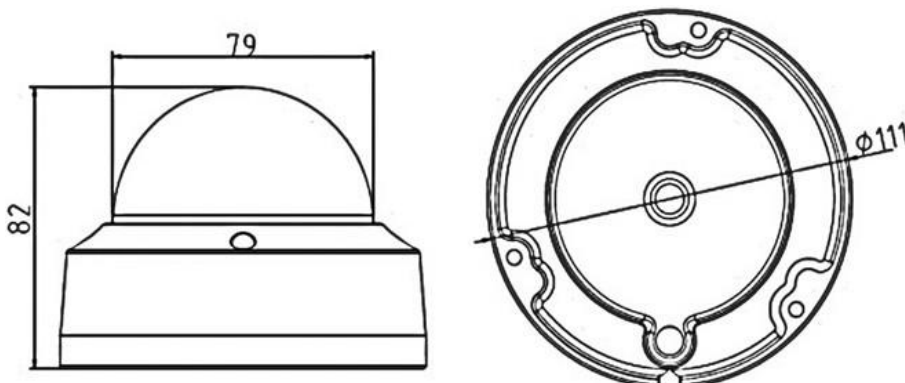
| Item Code | Description |
|------------------------|--|
| X2-CCTV-CAM-420 | X2 Video 4MP Outdoor Dome Camera, 30m IR, 3DDNR, 120dB WDR, IP67, IK10, PoE, 2.8mm |

Features

- 1/3" progressive scan CMOS
- Up to 4-megapixel high resolution
- Full HD1080p Real-time video
- 2.8mm fixed lens
- 120dB wide dynamic range
- BLC, 3D digital noise reduction
- H.264 encoding
- Line crossing and intrusion detection
- High performance smart IR
- 3-axis adjustment



Dimensions



Specifications

| Camera | |
|-------------------------|---|
| Image Sensor | 1/3" progressive scan CMOS |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3s to 1/100,000s |
| Lens | 2.8mm @ F2.0 – horizontal field of view: 106° |
| Day & Night | IR cut filter with auto switch |
| Wide Dynamic Range | 120dB |
| Adjustment Angles | Pan: 0° ~ 355°, tilt: 0° ~ 75°, rotation: 0° ~ 355° |
| Compression Standard | |
| Video Compression | H.264 / MJPEG |
| H.264 Type | Main profile |
| Video Bit Rate | 32 Kbps ~ 16 Mbps |
| Dual streams | Support |
| Image | |
| Max. Resolution | 2688 × 1520 |
| Max Frame Rate | Main stream: 20fps (2688×1520), 25fps (1920×1080), 25fps (1280×720) Sub stream: 25fps (352×288), 25fps (640×360) |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness |
| Image Enhancement | Backlight compensation, 3D digital noise reduction, ROI |
| Network | |
| Network Storage | NAS (Support NFS, SMB/CIFS), ANR |
| Detection | Intrusion detection, line crossing detection, motion detection, dynamic analysis |
| Alarm Trigger | Tampering alarm, network disconnect, IP address conflict, storage exception |
| Protocols | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP,SMTP,SNMP, IGMP, 802.1X, QoS, IPv6, bonjour |
| General Function | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, anonymous access |
| Standard | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M ethernet port |
| On-board storage | Built-in micro SD/SDHC/SDXC slot, up to 128 GB |
| Reset | Yes |
| General | |
| Operating Conditions | -30 °C ~ 60 °C, humidity 95% or less (non-condensing) |
| Power Supply | DC12V ± 25%, PoE (802.3af) |
| Power Consumption | Max. 5W |
| Material | Base & top cover: metal |
| IR Range | Up to 30 meters |
| Ingress Protection | IP67 |
| Impact Protection | IK10 |
| Dimensions | 111 × 82 mm |
| Weight | 500g |

Features and specifications are subject to change without notice. E&O