



## Key Features

- 1/2.8" progressive scan CMOS
- Up to 2.0 megapixel
- 2.8 mm/4 mm/6 mm fixed focal lens
- Up to 30 m IR range
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- PoE (Power over Ethernet)
- IP67
- Mobile monitoring via mobile app (iOS and Android)

| <b>Camera</b>                 |                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                  | 1/2.8" progressive scan CMOS                                                                                                       |
| Min. Illumination             | Color: 0.01 Lux @(F1.2, AGC ON), 0 Lux with IR                                                                                     |
| Shutter Speed                 | 1/3 s to 1/100,000 s, support slow shutter                                                                                         |
| Lens                          | 2.8 mm @F2.0, horizontal field of view 95°, 4 mm @F2.0, horizontal field of view 83.6°<br>6 mm @F2.0, horizontal field of view 55° |
| Lens Mount                    | M12                                                                                                                                |
| Day & Night                   | IR cut filter with auto switch                                                                                                     |
| 3-Axis Adjustment             | Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°                                                                             |
| DNR (Digital Noise Reduction) | 3D DNR                                                                                                                             |
| WDR (Wide Dynamic Range)      | Digital WDR                                                                                                                        |
| <b>Compression Standard</b>   |                                                                                                                                    |
| Video Compression             | Main stream: H.264+/H.264<br>Sub stream: H.264/MJPEG                                                                               |
| H.264 Type                    | Baseline Profile/Main Profile                                                                                                      |
| Video Bit Rate                | 32 Kbps to 8 Mbps                                                                                                                  |

| <b>Image</b>            |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| Max. Resolution         | 1920 × 1080                                                                                                         |
| Main Stream             | 50Hz: 25fps @(1920 × 1080, 1280 × 960, 1280 × 720)                                                                  |
| Max. Frame Rate         | 60Hz: 30fps @(1920 × 1080, 1280 × 960, 1280 × 720)                                                                  |
| Sub-stream              | 50Hz: 25fps @(704 × 576, 640 × 480, 352 × 288, 320 × 240)                                                           |
| Max. Frame Rate         | 60Hz: 30fps @(704 × 480, 640 × 480, 352 × 240, 320 × 240)                                                           |
| Image Settings          | Brightness, saturation, contrast, sharpness are adjustable via web browser or client software                       |
| Day/Night Switch        | Support auto, scheduled                                                                                             |
| Others                  | Mirror, BLC (area configurable), region of interest (support 1 fixed region)                                        |
| <b>Network</b>          |                                                                                                                     |
| Network Storage         | NAS (NFS, SMB/CIFS)                                                                                                 |
| Detections              | Motion Detection                                                                                                    |
| Alarms                  | Video tampering, network disconnected, IP address conflicted                                                        |
| Protocols               | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| Standard                | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI                                                                      |
| General Function        | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                    |
| <b>Interface</b>        |                                                                                                                     |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                         |
| <b>General</b>          |                                                                                                                     |
| Operating Conditions    | -30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)                                          |
| Power Supply            | 12 VDC ± 25%, PoE (802.3af)                                                                                         |
| Power Consumption       | Max. 4 W/6 W (PoE)                                                                                                  |
| Ingress Protection      | IP67                                                                                                                |
| IR Range                | Up to 30 m                                                                                                          |
| Dimensions              | Φ 85.5 mm × 70 mm (3.38" × 2.76")                                                                                   |
| Weight                  | 350 g (0.77 lb.)                                                                                                    |

## Available Models

DS-2CD1321-I

## Dimension

### Accessory



DS-1272ZJ-110-TRS  
Wall Mounting Bracket



DS-1275ZJ  
Vertical Pole Mounting Bracket



DS-1280ZJ-XS  
Inclined Base Mounting Bracket



DS-1276ZJ  
Corner Mounting Bracket





