HIKVISION

HIK-2CD1H41WD-IZ
4 MP Vari-Focal Network Turret Camera

Key Features
- 1/3" progressive scan CMOS
- Up to 4 megapixels resolution
- 2.8-12 mm motorised vari-focal lens
- Up to 30 m IR range
- Dual stream
- 120dBWDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- PoE (Power over Ethernet)
- IP67 rating
- Mobile monitoring via Hik-Connect

Dimensions

Φ 112.4 mm (4.43”)
3 - Φ 112.4 mm (0.18”)
Φ 130.5 mm (5.14”)

102.4 mm (4.03”)
## Specifications

### Camera
- **Image Sensor**: 1/3” progressive scan CMOS
- **Min. Illumination**: Color: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
- **Shutter Speed**: 1/3s to 1/100,000 s, support slow shutter
- **Lens**: 2.8 mm to 12 mm @F1.4, horizontal field of view: 98° to 30°
- **Lens Mount**: Ø14
- **Day & Night**: IR cut filter with auto switch
- **3-Axis Adjustment**: Pan: 0° to 360°, tilt: 0° to 65°, rotation: 0° to 360°
- **Digital Noise Reduction**: 3D DNR
- **Wide Dynamic Range**: 120 dB

### Compression Standard
- **Video Compression**: Main stream: H.264+/H.264, Sub stream: H.264/MJPEG
- **H.264 Type**: Main profile/High profile
- **Video Bit Rate**: 32 Kbps to 16 Mbps

### Image
- **Max. Resolution**: 2688 × 1520
- **Main Stream Max. Frame Rate**: 50Hz: 20fps @ (2688 × 1520), 20fps @ (2304 × 1296), 25fps @ (1920 × 1080, 1280 × 720)
  60Hz: 20fps @ (2688 × 1520), 20fps @ (2304 × 1296), 30fps @ (1920×1080, 1280 × 720)
- **Sub-stream Max. Frame Rate**: 50Hz: 25fps@ (640 × 360, 352 × 288)
  60Hz: 30fps@ (640 × 360, 352 × 240)
- **Image Settings**: Brightness, saturation, contrast, sharpness
- **Day/Night Switch**: Support auto, scheduled
- **Others**: Mirror, BLC (area configurable), region of interest (support 1 fixed region)

### Network
- **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, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
- **Standard**: ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
- **General Function**: One-key rest, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter

### Interface
- **Communication Interface**: 1 RJ45 10M/100M self-adaptive Ethernet port

### General
- **Operating Conditions**: -30 °C to 60°C (-22 °F to 140°F), humidity: 95% or less (non-condensing)
- **Power Supply**: 12VDCs 25%, PoE (802.3af)
- **Power Consumption**: Max. 8.5 W/11 W (PoE)
- **Ingress Protection**: IP67
- **IR Range**: 20 m to 30 m
- **Dimensions**: Ø 130.5 mm × 102.4 mm (5.14” × 4.03”)
- **Weight**: 485 g (1.07 lb.)