Full HD IR Bullet Camera

DC-E4212WR 2.8mm

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Fixed-focal lens (f = 2.8mm)
- IK10 / IP66 supports
- PoE (IEEE 802.3af Class 2)
- Day and night (ICR)
- IR-LED (Distance : 20m)
- 3-axis mechanical design for installation
- Supports ONVIF

**SPECIFICATIONS**

**VIDEO**
- Image Sensor: 1/2.9" CMOS
- Max. Resolution: 1920 x 1080
- Scanning Mode: Progressive Scan
- Lens Type: Fixed-focal
- Focal Length: f = 2.8mm
- Aperture: F = 2.0
- Iris Control: Fixed Iris
- Angular Field of View: 109.24º (H), 59.37º (V), 128.58º (D)
- Min. Illumination: Color: 0.4 lux @ F2.0, B/W: 0 lux (IR LED ON)
- Dynamic Range: More than 70dB
- Electronic Shutter Speed: Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
- Day and Night: IR cut filter with auto switch
- IR Distance (LEDs): 20 m / 65.6 ft (2 ea)
- Image Setting: Configurable Exposure, White Balance, Sharpness
- Digital Noise Reduction: Configurable 2DNR/3DNR
- Backlight Compensation: On / Off
- Mirroring / Pivot: Horizontal / Vertical / Pivot
- Image Stabilizer: -
- De-fog: On / Off
- Privacy Masking: 8 Zones
- Intelligent Video: Video Motion Detection, Active Tampering Alarm, Trip Zone

**NETWORK**
- DirectIP Mode
- Video Compression: H.265, H.264 (MP) M-JPEG
- Intelligent Codec: Supported
- Bitrate Control: H.265 - VBR / CBR
- H.264 - VBR / CBR
- Audio Compression: -
- Two-way Audio: -
- IP Camera Protocol: DirectIP, IDIS, ONVIF
- Max. Frame Rate: 30fps : 1920 x 1080
- Supported Resolution: 1920 x 1080, 1280 x 720, 704 x 480, 640x 360, 352 x 240
- Multi-video Streaming: Quadruple Streaming
- Network Protocols: DirectIP Protocol, RTP/RTSP/UDP/TCP, RTSP/HTTP/HTTPS/TCP, RTP/UDP, RTSP/UDP/TCP, HTTP, HTTPS, FTP, SNTP, SMTP, FEN, mDNS, uPNP
- Security: SSL Encryption, Multi-user Authority, IEEE 802.1x
- Remote Access Client: DirectIP NVR Connection, IDIS W66, IDIS Mobile, IDIS Solution Suite
- Ethernet: Rj45 (10-1000BASE-T)
- Recording Session Buffer (NLTSrec): Yes (Up to 10MB)
- Edge Storage: -

**ALARM AND EVENT**
- Trigger Event: Motion Detection, Tampering, Trip Zone
- Event Notification: Remote S/W, Email (With Image)
- Audio In / Out: -
- Alarm In / Out: -

**ENVIRONMENTAL**
- Vandal Proof Casing: IK10
- Outdoor Ready: IP66
- Operating Temperature: -20°C ~ +50°C (4°F ~ +122°F)
- Operating Humidity: 0% ~ 90%
- Power Source: PoE (IEEE 802.3af Class 2)
- Power Consumption: PoE, IEEE 802.3at (Class 2), 4.7W
- Approvals: FCC, CE, KC

**DIMENSIONS**

**MECHANICAL**
- Dimensions: 70mm x 65mm x 186.8mm (2.75" x 2.56" x 7.3")
- Weight: 0.335 kg (0.74 lb)