

# 8MP Vandal-Resistant IR Dome Camera

## DC-D4831HRX-A



- Easy Installation with DirectIP NVR
- 8MP (3840x2160) Resolution
- Motorized Vari-focal lens (f=2.7 - 13.5mm)
- micro SD / SDHC / SDXC
- Alarm In / Out
- IK10 / IP67
- Built-in heater
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and Night (ICR)
- True Wide Dynamic Range (WDR)
- IR LED (Distance : 40m/131.2ft)
- 3-axis Mechanical Design for Installation
- Supports ONVIF
- NDA Compliance



### SPECIFICATIONS

| VIDEO                              |   |
|------------------------------------|---|
| Image Sensor                       | 1/2.8" CMOS   |
| Max. Resolution                    | 3840 x 2160   |
| Scanning Mode                      | Progressive Scan  |
| Lens Type                          | Motorized Vari-focal  |
| Focal Length                       | f=2.7-13.5mm  |
| Aperture                           | F1.8 - 3.32   |
| Iris Control                       | DC IRIS   |
| Angular Field of View              | Wide : 110.6°(H) 57.3°(V) 134.1°(D)<br>Tele : 32.6°(H) 18.3°(V) 37.4°(D)  |
| Pan / Tilt Range                   | Pan: -175° ~ 175°, Tilt: 0° ~ 64°, Rotate: -177° ~ 177°   |
| Min. Illumination                  | Color : 0.2 Lux @ F1.8<br>B/W : 0 Lux (IR LED On)   |
| Dynamic Range                      | 120dB (True WDR)  |
| Electronic Shutter Speed           | Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)  |
| Day and Night                      | IR Cut Filter with Auto Switch  |
| IR Distance (LEDs)                 | 40m / 131.2ft (6ea)   |
| Image Setting                      | Configurable Exposure, White Balance, Sharpness   |
| Digital Noise Reduction            | Configurable 2DNR/3DNR  |
| Backlight Compensation             | On / Off  |
| Image Stabilizer                   | -   |
| De-fog                             | -   |
| Privacy Masking                    | 8 Zones   |
| Intelligent Video                  | Video Motion Detection, Active Tampering Alarm, Trip Zone   |
| Video Out                          | -   |
| NETWORK                            |   |
|                                    | <b>DirectIP Mode</b>  |
| Video Compression                  | H.265, H.264 (MP) M-JPEG  |
| Intelligent Codec                  | Supported   |
| Bitrate Control                    | H.265 - VBR / CBR<br>H.264 - VBR / CBR  |
| Audio Compression                  | -   |
| Two-way Audio                      | -   |
| IP Camera Protocol                 | DirectIP 2.0, ONVIF Profile S   |
| Max. Frame Rate                    | 30fps : 3840 x 2160<br>15fps : 3840 x 2160 (WDR)  |
| Supported Resolution               | 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360   |
| Multi-video Streaming              | Quadruple Streaming   |
| Network Protocols                  | DirectIP 2.0 Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTp, SMTP, FEN, mDNS, Upnp |
| Security                           | SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption                                   |
| Remote Access Client               | DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite   |
| Ethernet                           | RJ45 (10/100BASE-T)   |
| Recording Session Buffer (NLTsrec) | Yes (Up to 60MB)  |
| Edge Storage                       | micro SD / SDHC / SDXC, Smart Failover (Up to 256GB)  |
| ALARM AND EVENT                    |   |
| Trigger Event                      | Motion Detection, Alarm in, Tampering, Trip Zone  |
| Event Notification                 | Remote S/W, Email (With Image)  |
| Audio In / Out                     | - / -   |
| Alarm In / Out                     | 1 / 1   |
| ENVIRONMENTAL                      |   |
| Vandal Proof Casing                | IK10  |
| Outdoor Ready                      | IP67, Heater  |
| Operating Temperature              | -40°C ~ +55°C (-40°F ~ +131°F)<br>*Starting Up at Above -20°C (-4°F)  |
| Operating Humidity                 | 0% ~ 90%  |
| ELECTRICAL                         |   |
| Power Source                       | PoE (IEEE 802.3af Class 3), DC12V   |
| Power Consumption                  | 12V=, 1.2A, 14.4W<br>PoE, IEEE 802.3af(Class 3), 12.4W  |
| Approvals                          | FCC, CE, KC   |
| MECHANICAL                         |   |
| Dimensions                         | Ø155 x 104.4mm  |
| Weight                             | 1.02 kg(2.25lb)   |

### DIMENSIONS

(Unit - mm)



### ACCESSORIES (OPTIONAL)



### ACCESSORIES CONFIGURATION TREE

