

# 8MP IR Bullet Camera with Heater

## DC-T1833WHR

- Easy installation with DirectIP NVR
- 4K UHD (3840x2160) resolution
- Motorized vari-focal lens (f=3.6 - 9.8mm)
- Two-way audio
- Alarm in / out
- Vandal proof / IP66 supports
- Built-in heater
- PoE (IEEE 802.3af Class 3), 12VDC
- Day and night (ICR)
- IR LED (Distance : 30m)
- 3-axis mechanical design for installation
- Supports ONVIF



### SPECIFICATIONS

| VIDEO                          |  |  |
|--------------------------------|--|--|
| Image Sensor                   | 1/2.5" CMOS  |  |
| Max. Resolution                | 3840 x 2160  |  |
| Scanning Mode                  | Progressive Scan   |  |
| Lens Type                      | Motorized Vari-focal   |  |
| Focal Length                   | f=3.6 - 9.8mm  |  |
| Aperture                       | F=1.6 - 3.2  |  |
| Iris Control                   | P-Iris   |  |
| Angular Field of View          | Wide : 103.0° (H), 52.7° (V), 118.0° (D)<br>Tele : 36.6° (H), 19.6° (V), 41.1° (D) |  |
| Min. Illumination              | Color : 0.1 lux F1.6<br>B/W : 0 lux (IR LED On)                                    |  |
| S/N Ratio                      | More than 48dB   |  |
| Dynamic Range                  | More than 69 dB  |  |
| Electronic Shutter Speed       | Auto / Manual (1/30 ~ 1/8000), Anti-Flicker, Slow Shutter(1/7.5,1/15)              |  |
| Day and Night                  | IR cut filter with auto switch   |  |
| IR Distance (LEDs)             | 30 m (10 ea)   |  |
| Image Setting                  | Configurable Exposure, White Balance, Sharpness                                    |  |
| Digital Noise Reduction        | Configurable 2DNR/3DNR   |  |
| Backlight Compensation         | On / Off/ HSBLC  |  |
| Mirroring / Pivot              | Horizontal / Vertical / Pivot  |  |
| Image Stabilizer               | -  |  |
| Privacy Masking                | 16 Zones   |  |
| Intelligent Video              | Video Motion Detection, Active Tampering Alarm, Trip Zone                          |  |
| Video Out                      | 1 BNC  |  |
| NETWORK                        |  |  |
|                                | <b>DirectIP Mode</b>   | <b>Compatibility Mode</b>  |
| Video Compression              | H.264 (MP), M-JPEG   |  |
| Bitrate Control                | H.264 - VBR  |  |
| Max. Frame Rate                | 30fps : 3840x2160<br>60fps : 1920x1080   |  |
| Audio Compression              | -  |  |
| Two-way Audio                  | -  |  |
| IP Camera Protocol             | DirectIP   | IDIS<br>ONVIF Profile S  |
| Supported Resolution           | 3840 x 2160 (8MP), 1920x1080,<br>1280x720, 704x480, 640x360,<br>352x240            | 3840 x 2160 (8MP), 1920x1080, 1280x720,<br>704x480, 352x240  |
| Multi-video Streaming          | Quadruple Streaming  | Quadruple Streaming  |
| Network Protocols              | DirectIP Protocol  | RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP,<br>RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP,<br>SNTP, SMTP, FEN, mDNS, uPNP |
| Security                       | SSL Encryption   | Multi-user Authority, IEEE 802.1x<br>IP Filtering, HTTPS, SSL Encryption                               |
| Remote Access Client           | DirectIP NVR connection  | IDIS Web, IDIS Mobile, IDIS Solution Suite   |
| Ethernet                       | RJ45 (10/100BASE-T)  |  |
| Edge Storage                   | -  |  |
| ALARM AND EVENT                |  |  |
| Trigger Event                  | Motion Detection, Audio Detection, Tampering, Trip Zone                            |  |
| Event Buffering (Pre and Post) | Yes (Up to 100MB)  |  |
| Event Notification             | Remote S/W, Email (With Image)   |  |
| Audio In / Out                 | Line-in 1ea / Line-out 1ea   |  |
| Alarm In/ Out                  | Input 1ea / Output 1ea   |  |
| ENVIRONMENTAL                  |  |  |
| Vandal Proof Casing            | IK10   |  |
| Outdoor Ready                  | IP66, Heater   |  |
| Operating Temperature          | -40°C ~ +50°C (-40°F ~ +122°F)<br>*Starting up at above -20°C (-4°F)               |  |
| Operating Humidity             | 0% ~ 90%   |  |
| ELECTRICAL                     |  |  |
| Power Source                   | 12VDC, PoE (IEEE 802.3af Class 3)  |  |
| Power Consumption              | 13.2W  |  |
| Approvals                      | FCC, CE, KC  |  |
| MECHANICAL                     |  |  |
| Dimensions                     | Ø73.5mm x 321.9mm (Ø2.9" x 12.67")   |  |
| Weight                         | 1.4 kg (3.09 lb)   |  |

### DIMENSIONS



### ACCESSORIES (OPTIONAL)



### ACCESSORIES CONFIGURATION TREE

