# DC-B1803

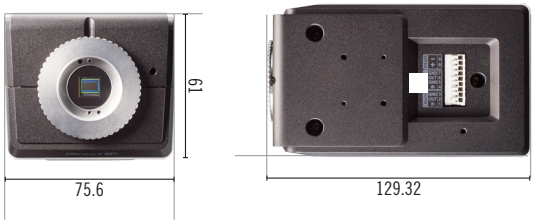
- Easy installation with DirectIP NVR
- 4K UHD (3840 x 2160) resolution
- Optional lens (C/CS mount)
- micro SD/SDHC/SDXC, Smart Failover
- Two-way audio
- Alarm in / out
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and night (ICR)
- Supports ONVIF

## SPECIFICATIONS

| | | |
|---|---|---|
| **VIDEO** | | |
| **Image Sensor** | 1/2.3" CMOS | |
| **Max. Resolution** | 3840 x 2160 | |
| **Scanning Mode** | Progressive Scan | |
| **Lens Type** | Optional (C/CS Mount) | |
| **Iris Control** | P-Iris / DC Auto Iris / Manual Iris | |
| **Min. Illumination** | Color : 0.4 Lux @ F1.6<br>BW : 0.009 Lux @ F1.6 | |
| **Dynamic Range** | More than 70 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 | |
| **Image Setting** | Configurable Exposure, White Balance, Sharpness | |
| **Digital Noise Reduction** | Configurable 2DNR / 3DNR | |
| **Backlight Compensation** | On / Off / HSBLC | |
| **Image Stabilizer** | - | |
| **Privacy Masking** | 16 Zones | |
| **Intelligent Video** | Video Motion Detection, Active Tampering Alarm, Trip Zone | |
| **Video Out** | 1 RCA | |
| **NETWORK** | | |
| | DirectIP Mode | Compatibility Mode |
| **Video Compression** | H.264 (MP), M-JPEG | |
| **Intelligent Codec** | Supported | |
| **Bitrate Control** | H.264 - VBR | |
| **Audio Compression** | G.726, G.711 | |
| **Two-way Audio** | Yes | |
| **IP Camera Protocol** | DirectIP | IDIS<br>ONVIF Profile S |
| **Max. Frame Rate** | 30ips : 3840 x 2160 | 30ips : 3840 x 2160<br>60ips : 1920 x 1080 |
| **Supported Resolution** | 3840 x 2160 (8MP), 1920 x 1080,<br>1280 x 720, 704 x 480, 352 x 240 | 3840 x 2160 (8MP), 1920 x 1080,<br>1280 x 720, 704 x 480, 352 x 240 |
| **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 (10/100 BASE-T) | |
| **Recording Session Buffer** | Yes (Up to 100MB) | |
| **Edge Storage** | micro SD / SDHC / SDXC, Smart Failover | |
| **ALARM AND EVENT** | | |
| **Trigger Event** | Motion Detection, Alarm In, Audio Detection, Tampering, Trip Zone | |
| **Event Notification** | Remote S/W, Email (With Image) | |
| **Audio In / Out** | Line-in 1ea + Internal Mic 1ea / Line-out 1ea | |
| **Alarm In / Out** | Input 1ea / Output 1ea | |
| **ENVIRONMENTAL** | | |
| **Vandal Proof Casing** | - | |
| **Outdoor Ready** | - | |
| **Operating Temperature** | -10°C ~ +50°C (+14°F ~ +122°F)<br>*Starting Up at Above 0°C (32°F) | |
| **Operating Humidity** | 0% ~ 90% | |
| **ELECTRICAL** | | |
| **Power Source** | 12VDC, PoE (IEEE 802.3af Class 3) | |
| **Power Consumption** | 8.4W | |
| **Approvals** | FCC, CE, KC | |
| **MECHANICAL** | | |
| **Dimensions (W x H x D)** | 75.6mm x 61mm x 129.3mm (2.98" x 2.4" x 5.09") | |
| **Weight** | 0.4kg (0.89lb) | |

## DIMENSIONS

(Unit - mm)



## ACCESSORIES (OPTIONAL)

DA-BH1100 DA-WM1500

## ACCESSORIES CONFIGURATION TREE