

**Camera**

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| Image Sensor       | 1/2.8" Progressive Scan CMOS                             |
| Effective Pixels   | 2592(H) x 1520(V)                                        |
| Electronic Shutter | Auto/Manual, 1/5-1/20,000s                               |
| Min. illumination  | Color: 0.01Lux @(F1.5, AGC ON)<br>B/W: 0Lux @(IR LED ON) |
| S/N Ratio          | 55dB                                                     |
| Day & Night        | Auto (ICR)/Day/Night/Timing                              |
| Wide Dynamic Range | WDR (120dB)                                              |
| IR Range           | Up to 200m                                               |
| Shutter Speed      | 1/10000-1/1s                                             |
| IR On/Off Control  | Auto/ Manual                                             |
| IR LEDs            | 10pcs                                                    |

**Lens**

|               |             |
|---------------|-------------|
| Focal Length  | 5.3~159mm   |
| Max. Aperture | F1.6~F4.3   |
| Angle of View | H: 55°~2.3° |
| Optical Zoom  | 30x         |
| Digital Zoom  | 16x         |
| Focus Control | Auto/Manual |

**PTZ**

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| Pan/Tilt Range  | Pan: 0° ~ 360° endless, Tilt: -15° ~ +90°                                      |
| Manual Control  | Speed Pan: 0.1° ~ 180° /s, Tilt: 0.1° ~ 90° /s                                 |
| Preset Speed    | Pan: 180° /s, Tilt: 90° /s                                                     |
| Presets         | 300                                                                            |
| PTZ Mode        | 6 Track, 12 Tour, 6 Scan                                                       |
| Speed Setup     | Auto/Manual (0-8)                                                              |
| Power up Action | Support                                                                        |
| Idle Motion     | Activate Preset/Scan/Tour/Track if there is no command in the specified period |

**Audio**

|             |                                   |
|-------------|-----------------------------------|
| Compression | G.711, RAW_PCM                    |
| Bit Rate    | 8kbps (G.711),<br>16kps (RAW_PCM) |

**Network**

|                  |                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------|
| Protocols        | IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTP/RTCP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP |
| Interoperability | ONVIF, SDK, CGI                                                                                                   |
| Streaming Method | Unicast                                                                                                           |
| Max. User Access | 10 Users                                                                                                          |
| Edge Storage     | NAS<br>Local PC for instant recording<br>Micro SD card 128GB                                                      |
| Web Viewer       | <IE11, Chrome, Firefox                                                                                            |



4MP



Analytics



WDR

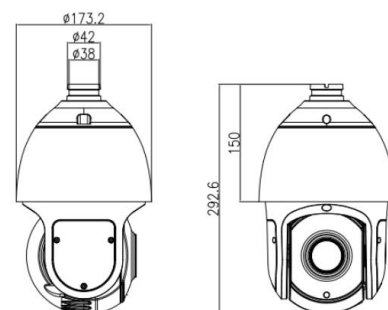


IR



IP67


 PTZ  
(Pan+Tilt+Zoom)

**Dimensions**


### Video

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Compression          | H.265, H.264, MJPEG                              |
| Max. Resolution      | 4MP (2048×1536)                                  |
| Streaming Capability | 3 Streams                                        |
| Stream / Frame Rate  | Stream1: 2048×1536/1920×1080/1280×720 @25/30fps  |
|                      | Stream2: D1/VGA/640×360/CIF/QVGA @25/30fps       |
|                      | Stream3: VGA/CIF/QVGA @25/30fps                  |
| Bit Rate Control     | CBR/VBR                                          |
| Bit Rate             | Stream1: 100kbps~12Mbps                          |
|                      | Stream2: 10kbps~6Mbps                            |
|                      | Stream3: 10kbps~6Mbps                            |
| Image Enhancement    | HLC / BLC / Anti-shake / Defog / WDR (120dB)     |
| White Balance        | Auto/Tungsten/Fluorescent/Daylight/Shadow/Manual |
| Gain Control         | Auto/Manual                                      |
| Noise Reduction      | 2D/3D DNR                                        |
| Smart IR             | Support                                          |
| Mirror               | Support                                          |
| Aisle Mode           | Support                                          |
| Region of Interest   | Off/On (8 Zone)                                  |
| Motion Detection     | Off/On                                           |
| Privacy Masking      | Off/On (4 Area, Rectangle)                       |

### Interface

|              |                                           |
|--------------|-------------------------------------------|
| Ethernet     | 1 Ethernet (10/100Base-T) RJ-45 Connector |
| Audio I/O    | 1ch Audio In, 1ch Audio Out               |
| Alarm I/O    | 2ch Alarm In, 1ch Alarm Out               |
| RS485        | Yes                                       |
| CVBS Output  | Yes                                       |
| Reset Button | Yes (Built-in)                            |

### Intelligence

|               |                                                                                                                                                                  |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auto Tracking | Support                                                                                                                                                          |
| IVS           | Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Bad Signal |

### Electrical

|                       |                                   |
|-----------------------|-----------------------------------|
| Power Supply          | DC12V/POE +                       |
| Power Consumption     | Less than 30W                     |
| Operating Temperature | Starting Temperature:             |
|                       | -40°C ~ 60°C (-40°F ~ 140 °F)     |
|                       | Working Temperature:              |
| Operating Humidity    | -55°C ~ 60°C (-67°F ~ 140°F)      |
|                       | Less than 90% RH                  |
| Protection            | IP67, TVS4000V                    |
| Certifications        | CE/FCC                            |
| Casing                | Metal                             |
| Dimensions            | Φ173.2×292.6mm (Φ6.82×11.52 inch) |
| Net Weight            | 3.1Kg                             |

### Accessory



**INCLUDE**  
**Wall Bracket**  
BE-Wall



**Ceiling Bracket**  
BE-Ceiling



**Corner Mount**  
BE-Corner



**Pole Mount**  
BE-Pole

\* Specifications Are Subject to Change Without Notice.