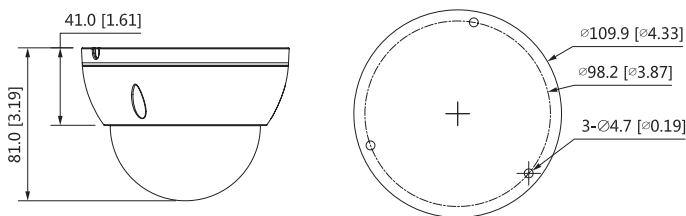


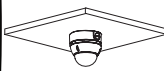
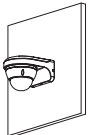
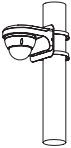
# 8MP Lite IR Fixed-focal Dome Network Camera



- 8MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- Outputs max. 8MP (3840 × 2160) @15 fps, and supports 2688×1520 (2688 × 1520) @25/30 fps
- Support Triple Stream
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30 m
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, voltage detection
- Supports max. 256 GB Micro SD card
- 12V DC/PoE power supply
- IP67, IK10 protection

## Dimensions (mm[inch])



| Junction Mount                                                                       | Wall Mount                                                                            | Pole Mount                                                                            |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| JBEW-136                                                                             | WEW-203W                                                                              | WEW-203W+LEW-152E                                                                     |
|  |  |  |

# 8MP Lite IR Fixed-focal Dome Network Camera

| Technical Specification    |       |                                                                                                                                                                            |                     |                     |                    |  |
|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|--------------------|--|
| Camera                     |       |                                                                                                                                                                            |                     |                     |                    |  |
| Image Sensor               |       | 1/2.7” 8Megapixel progressive CMOS                                                                                                                                         |                     |                     |                    |  |
| Max. Resolution            |       | 3840 (H) × 2160 (V)                                                                                                                                                        |                     |                     |                    |  |
| ROM                        |       | 128 MB                                                                                                                                                                     |                     |                     |                    |  |
| RAM                        |       | 256 MB                                                                                                                                                                     |                     |                     |                    |  |
| Scanning System            |       | Progressive                                                                                                                                                                |                     |                     |                    |  |
| Electronic Shutter Speed   |       | Auto/Manual 1/3 s–1/100,000 s                                                                                                                                              |                     |                     |                    |  |
| Min. Illumination          |       | 0.009 Lux@F2.0                                                                                                                                                             |                     |                     |                    |  |
| S/N Ratio                  |       | >56 dB                                                                                                                                                                     |                     |                     |                    |  |
| Illumination Distance      |       | 30 m (98.43 ft)                                                                                                                                                            |                     |                     |                    |  |
| Illuminator On/Off Control |       | Auto/Manual                                                                                                                                                                |                     |                     |                    |  |
| Illuminator Number         |       | 3 (IR LED)                                                                                                                                                                 |                     |                     |                    |  |
| Pan/Tilt/Rotation Range    |       | Pan: 0°–355°<br>Tilt: 0°–65°<br>Rotation: 0°–355°                                                                                                                          |                     |                     |                    |  |
| Lens                       |       |                                                                                                                                                                            |                     |                     |                    |  |
| Lens Type                  |       | Fixed-focal                                                                                                                                                                |                     |                     |                    |  |
| Mount Type                 |       | M12                                                                                                                                                                        |                     |                     |                    |  |
| Focal Length               |       | 2.8 mm                                                                                                                                                                     |                     |                     |                    |  |
| Max. Aperture              |       | F2.0                                                                                                                                                                       |                     |                     |                    |  |
| Field of View              |       | 2.8 mm: Horizontal 105° × Vertical 56° × Diagonal 125°                                                                                                                     |                     |                     |                    |  |
| Iris Type                  |       | Fixed                                                                                                                                                                      |                     |                     |                    |  |
| Close Focus Distance       |       | 2.8 mm: 1.0 m (3.3 ft)                                                                                                                                                     |                     |                     |                    |  |
| DORI Distance              | Lens  | Detect                                                                                                                                                                     | Observe             | Recognize           | Identify           |  |
|                            | 2.8mm | 74.7 m<br>(245.1 ft)                                                                                                                                                       | 29.9 m<br>(98.1 ft) | 14.9 m<br>(48.9 ft) | 7.5 m<br>(24.6 ft) |  |
|                            |       |                                                                                                                                                                            |                     |                     |                    |  |
| Smart Event                |       |                                                                                                                                                                            |                     |                     |                    |  |
| IVS                        |       | Tripwire; intrusion                                                                                                                                                        |                     |                     |                    |  |
| Video                      |       |                                                                                                                                                                            |                     |                     |                    |  |
| Video Compression          |       | H.265; H.264; H.264B; MJPEG (only supported by the sub stream)                                                                                                             |                     |                     |                    |  |
| Smart Codec                |       | Smart H.265+/ Smart H.264+                                                                                                                                                 |                     |                     |                    |  |
| Video Frame Rate           |       | Main stream:<br>3840 × 2160 (1 fps–15 fps)<br>2688 × 1520 (1 fps–25/30 fps)<br>Sub stream:<br>704 × 576 (1 fps–25 fps); 704 × 480 (1 fps–30 fps)<br>Third stream: CIF@1fps |                     |                     |                    |  |
| Stream Capability          |       | 3 streams                                                                                                                                                                  |                     |                     |                    |  |

|                     |                                                                                                                                                                                                                                                                                                                     |                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Resolution          | 3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2592 × 1944 (2592 × 1944); 2688 × 1520 (2688 × 1520); 3M (2048 × 1536); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240) |                                                                             |
|                     | Bit Rate Control                                                                                                                                                                                                                                                                                                    | CBR/VBR                                                                     |
|                     | Video Bit Rate                                                                                                                                                                                                                                                                                                      | H.264: 32 kbps–8192 kbps<br>H.265: 12 kbps–8192 kbps                        |
|                     | Day/Night                                                                                                                                                                                                                                                                                                           | Auto(ICR)/Color/B/W                                                         |
|                     | BLC                                                                                                                                                                                                                                                                                                                 | Yes                                                                         |
|                     | HLC                                                                                                                                                                                                                                                                                                                 | Yes                                                                         |
|                     | WDR                                                                                                                                                                                                                                                                                                                 | 120 dB                                                                      |
|                     | White Balance                                                                                                                                                                                                                                                                                                       | Auto/natural/street lamp/outdoor/manual/regional custom                     |
|                     | Gain Control                                                                                                                                                                                                                                                                                                        | Auto/Manual                                                                 |
|                     | Noise Reduction                                                                                                                                                                                                                                                                                                     | 3D NR                                                                       |
|                     | Motion Detection                                                                                                                                                                                                                                                                                                    | OFF/ON (4 areas, rectangular)                                               |
|                     | Region of Interest(Roi)                                                                                                                                                                                                                                                                                             | Yes (4 areas)                                                               |
|                     | Smart Illumination                                                                                                                                                                                                                                                                                                  | Yes                                                                         |
|                     | Image Rotation                                                                                                                                                                                                                                                                                                      | 0°/90°/180°/270° (Supports 90°/270° with 3840 × 2160 resolution and lower.) |
| Mirror              | Yes                                                                                                                                                                                                                                                                                                                 |                                                                             |
| Privacy Masking     | 4 areas                                                                                                                                                                                                                                                                                                             |                                                                             |
| Alarm               |                                                                                                                                                                                                                                                                                                                     |                                                                             |
| Alarm Event         | No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; safety exception                                                                                                                            |                                                                             |
| Network             |                                                                                                                                                                                                                                                                                                                     |                                                                             |
| Network             | RJ-45 (10/100 Base-T)                                                                                                                                                                                                                                                                                               |                                                                             |
| SDK and API         | Yes                                                                                                                                                                                                                                                                                                                 |                                                                             |
| Cyber Security      | Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade                                                           |                                                                             |
| Protocol            | IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour                                                                                                                                                               |                                                                             |
| Interoperability    | ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec                                                                                                                                                                                                                                                 |                                                                             |
| User/Host           | 20                                                                                                                                                                                                                                                                                                                  |                                                                             |
| Storage             | FTP; SFTP; Micro SD Card (support max. 256 GB); NAS                                                                                                                                                                                                                                                                 |                                                                             |
| Browser             | IE<br>Chrome<br>Firefox                                                                                                                                                                                                                                                                                             |                                                                             |
| Management Software | Smart PSS; Elite Viewer Pro EVP; DSS; DMSS                                                                                                                                                                                                                                                                          |                                                                             |
| Mobile Phone        | IOS; Android                                                                                                                                                                                                                                                                                                        |                                                                             |

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|                     |                                                                                                                                                                        |                                                                                    |                                                                                     |                                                                                     |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Certification       |                                                                                                                                                                        | Accessories                                                                        |                                                                                     |                                                                                     |
| Certifications      | CE-LVD: EN62368-1<br>CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU<br>FCC: 47 CFR FCC Part 15, Subpart B<br>UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07 | Optional:                                                                          |                                                                                     |                                                                                     |
| Power               |                                                                                                                                                                        |  |  |  |
| Power Supply        | 12V DC/PoE (802.3af)                                                                                                                                                   | JBEW-136<br>Junction Box                                                           | MEN-106<br>Mount Adapter                                                            | WEW-203W<br>Wall Mount                                                              |
| Power Consumption   | < 6.2W                                                                                                                                                                 |  |                                                                                     |                                                                                     |
| Environment         |                                                                                                                                                                        | LEW-152E<br>Pole Mount                                                             |                                                                                     |                                                                                     |
| Power Consumption   | -40°C to +60°C (-40°F to +140°F)/less than ≤ 95% RH                                                                                                                    |                                                                                    |                                                                                     |                                                                                     |
| Storage Temperature | -40°C to +60°C (-40°F to +140°F)                                                                                                                                       |                                                                                    |                                                                                     |                                                                                     |
| Protection Grade    | IP67; IK10                                                                                                                                                             |                                                                                    |                                                                                     |                                                                                     |
| Structure           |                                                                                                                                                                        |                                                                                    |                                                                                     |                                                                                     |
| Casing              | Metal                                                                                                                                                                  |                                                                                    |                                                                                     |                                                                                     |
| Dimensions          | 81 mm × Φ109.9 mm (3.19" × Φ4.33")                                                                                                                                     |                                                                                    |                                                                                     |                                                                                     |
| Net Weight          | 0.350 kg (0.77 lb)                                                                                                                                                     |                                                                                    |                                                                                     |                                                                                     |
| Gross Weight        | 0.491 kg (1.08 lb)                                                                                                                                                     |                                                                                    |                                                                                     |                                                                                     |