

## 4MP HD WDR Fixed IR Bullet Network Camera

LS-PB21401



### Key Features

High quality image with 4MP, 1/3" CMOS sensor

4MP (2688\*1520)@ 30/25fps; 4MP (2560\*1440)@ 30/25fps; 3MP (2304\*1296) @30/25fps;  
2MP (1920\*1080) @30/25fps;

Ultra 265, H.265, H.264, MJPEG

Ensures high image quality in low illumination environment

120dB true WDR technology enables clear image in strong light scene

Support 9:16 Corridor Mode

Built-in Mic

Smart IR, up to 20m IR distance

Supports 256 G Micro SD card

IP67 protection

Support PoE power supply

3-Axis

## Specifications

|                         |                                                                                                                                                                                                                                                                         |            |                |               |                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|---------------|-------------------|
|                         | LS-PB21401                                                                                                                                                                                                                                                              |            |                |               |                   |
| Camera                  |                                                                                                                                                                                                                                                                         |            |                |               |                   |
| Sensor                  | 1/3", 4.0 megapixel, progressive scan, CMOS                                                                                                                                                                                                                             |            |                |               |                   |
| Lens                    | 2.8mm@F1.6                                                                                                                                                                                                                                                              |            |                |               |                   |
| DORI Distance           | Lens (mm)                                                                                                                                                                                                                                                               | Detect (m) | Observe (m)    | Recognize (m) | Identify (m)      |
|                         | 2.8                                                                                                                                                                                                                                                                     | 63.0       | 25.2           | 12.6          | 6.3               |
| Angle Of View (H)       | 101.1°                                                                                                                                                                                                                                                                  |            |                |               |                   |
| Angle Of View (V)       | 55.3°                                                                                                                                                                                                                                                                   |            |                |               |                   |
| Angle Of View (O)       | 111.1°                                                                                                                                                                                                                                                                  |            |                |               |                   |
| Adjustment Angle        | Pan: 0° ~ 360°                                                                                                                                                                                                                                                          |            | Tilt: 0° ~ 90° |               | Rotate: 0° ~ 360° |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                                              |            |                |               |                   |
| Minimum Illumination    | Support Easystar: Colour: 0.003Lux ( F1.6, AGC ON)<br>0Lux with IR                                                                                                                                                                                                      |            |                |               |                   |
| Day/Night               | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                    |            |                |               |                   |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                                                                               |            |                |               |                   |
| S/N                     | >56dB                                                                                                                                                                                                                                                                   |            |                |               |                   |
| IR Range                | Up to 20m    IR range                                                                                                                                                                                                                                                   |            |                |               |                   |
| Wavelength              | 850nm                                                                                                                                                                                                                                                                   |            |                |               |                   |
| IR On/Off Control       | Auto/Manual                                                                                                                                                                                                                                                             |            |                |               |                   |
| Defog                   | Digital Defog                                                                                                                                                                                                                                                           |            |                |               |                   |
| WDR                     | 120dB                                                                                                                                                                                                                                                                   |            |                |               |                   |
| Video                   |                                                                                                                                                                                                                                                                         |            |                |               |                   |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                          |            |                |               |                   |
| H.264 Code Profile      | Baseline profile, Main profile, High profile                                                                                                                                                                                                                            |            |                |               |                   |
| Frame Rate              | Main Stream: 4MP (2688*1520), Max 30fps;4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; |            |                |               |                   |
| Video Bit Rate          | 128 Kbps~16 Mbps                                                                                                                                                                                                                                                        |            |                |               |                   |
| 9:16 Corridor Mode      | Supported                                                                                                                                                                                                                                                               |            |                |               |                   |
| OSD                     | Up to 4 OSDs                                                                                                                                                                                                                                                            |            |                |               |                   |
| Privacy Mask            | Up to 4 areas                                                                                                                                                                                                                                                           |            |                |               |                   |
| ROI                     | Up to 8 areas                                                                                                                                                                                                                                                           |            |                |               |                   |
| Motion Detection        | Up to 4 areas                                                                                                                                                                                                                                                           |            |                |               |                   |
| Image                   |                                                                                                                                                                                                                                                                         |            |                |               |                   |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2                                                                                                                                                                                                                         |            |                |               |                   |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                                                                               |            |                |               |                   |
| Smart IR                | Support                                                                                                                                                                                                                                                                 |            |                |               |                   |
| Flip                    | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise                                                                                                                                                                                                          |            |                |               |                   |
| Dewarping               | N/A                                                                                                                                                                                                                                                                     |            |                |               |                   |
| HLC                     | Supported                                                                                                                                                                                                                                                               |            |                |               |                   |
| BLC                     | Supported                                                                                                                                                                                                                                                               |            |                |               |                   |
| Audio                   |                                                                                                                                                                                                                                                                         |            |                |               |                   |
| Audio Compression       | G.711                                                                                                                                                                                                                                                                   |            |                |               |                   |
| Suppression             | Supported                                                                                                                                                                                                                                                               |            |                |               |                   |

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Sampling Rate          | 8KHZ                                                                                                                          |
| Storage                |                                                                                                                               |
| Edge Storage           | Micro SD, up to 256GB                                                                                                         |
| Network Storage        | ANR, NAS(NFS)                                                                                                                 |
| Smart                  |                                                                                                                               |
| Behavior Detection     | Cross line, intrusion(based on human body detection)<br>motion detection, tampering alarm, audio detection                    |
| General Function       | Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication |
| Network                |                                                                                                                               |
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, 802.1x, SNMP |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T)                                                                                       |
| Web Browser            | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below                                                   |
|                        | Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+                                                     |
| Interface              |                                                                                                                               |
| Network                | 10/100M Base-TX Ethernet                                                                                                      |
| Built-in Mic           | Supported                                                                                                                     |
| General                |                                                                                                                               |
| Power                  | DC 12V±25%, PoE (IEEE 802.3af)                                                                                                |
|                        | Power consumption: Max 6.0W                                                                                                   |
| Material               | Metal                                                                                                                         |
| waterproof             | IP67                                                                                                                          |
| Working Environment    | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)                                                              |
| Storage Environment    | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)                                                              |
| Product size/weight    | 190×73×71mm/0.45kg                                                                                                            |
| Packing size/weight    | 190 × 110 × 97mm/0.65kg                                                                                                       |

## Dimensions

