

# HL-BI5028F

H.265, 5MP Mini Bullet Network Camera



5.0MP

H.265

WDR  
(120db)

HLC

BLC

3D-DNR

IP67

ONVIF

## Key Features

- Compact design, metal case
- 1/ 2.7" Progressive Scan CMOS
- 2.8mm fixed lens
- H.265 encoding, 5MP@20fps
- Smart IR up to 30m
- ROI, defog, BLC, HLC
- DC12V/ PoE
- Micro SD up to 256GB

## SPECIFICATIONS

### CAMERA

|                          |   |
|--------------------------|---|
| Image Sensor             | 1/2.7" Progressive CMOS                             |
| Effective Pixels         | 5MP 2592(H) × 1944(V)                               |
| Scanning System          | PAL/NTSC  |
| Electronic Shutter Speed | 1/5 ~ 1/20000s                                      |
| Slow Shutter             | Support   |
| Min. illumination        | Color 0.01lux @ F1.2(AGC ON) ;<br>B/W 0 lux @ IR ON |
| S/N Ratio                | 39dB  |
| IR LEDs                  | 2pcs (Array)  |
| IR Range                 | Up to 30m   |
| IR On/Off Control        | Auto  |

### LENS

|                         |                  |
|-------------------------|------------------|
| Lens Type               | Fixed            |
| Iris                    | Fixed Iris       |
| Focal Length            | 2.8 mm           |
| F Number (Max Aperture) | F No. 1.85 ± 10% |
| Angle of View           | H.FOV: 92°       |
| Focus Control           | Auto             |
| Close Focus Distance    | 0.3m             |

### INTELLIGENCE

|               |   |
|---------------|---|
| Event Trigger | Motion event, alarm event, Smart Motion detection, Face Detection, Human/Vehicle Detection, Video Tampering |
| IVS           | Face Detection, Human/Vehicle Detection, PID, LCD, PD&VD, FD  |

### VIDEO

|                                      |   |
|--------------------------------------|---|
| Compression                          | H.265/H.264   |
| Max. Resolution                      | 5MP (2592×1944)   |
| Streaming Capability                 | Triple  |
| Stream / Frame Rate                  | Mainstream: (1~20fps default 20fps)<br>5MP (2592×1944), 4MP (2592×1520),<br>3MP(2304×1296), (2048×1535)<br>1080P (1920×1080), 720P (1280×720),<br>Substream: 720P (1280×720),<br>VGA (640×480),QVGA (320×240)<br>Mobilestream: VGA (640×480),<br>QVGA (320×240) |
| Bit Rate                             | 8Kbps ~ 8Mbps   |
| Day/Night                            | IR cut filter with auto switch<br>(Day/Night/Auto/Schedule)   |
| Image Enhancement                    | WDR, BLC, HLC, Defog  |
| Image Settings                       | Flip, Rotation, Saturation, Brightness,<br>Contrast, Hue, Sharpness adjustable  |
| White Balance                        | Yes   |
| Gain Control                         | Yes   |
| Noise Reduction                      | 3D DNR  |
| Electronic Image Stabilization (EIS) | N/A   |
| Digital Zoom                         | N/A   |
| Smart IR                             | Yes   |
| Mirror                               | N/A   |
| Region of Interest                   | Yes   |
| Motion Detection                     | Support   |
| Privacy Masking                      | Support   |

### AUDIO

|             |     |
|-------------|-----|
| Compression | N/A |
| Bit Rate    | N/A |

### NETWORK

|                  |   |
|------------------|---|
| Ethernet         | RJ45 10M / 100M Ethernet interface x1   |
| Protocols        | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/<br>RTSP, PPPoE, SMTP, NTP, UPnP SNMP,<br>HTTPS, FTP |
| Interoperability | ONVIF ( Profile S, Profile G)   |
| Streaming Method | Multicast   |
| Max. User Access | 10  |
| Web Viewer       | Internet Explorer 8 and above; Firefox 51<br>and below; Google Chrome 44 or lower       |
| Smart Phone      | iOS, Android system   |

### INTERFACE

|                      |                                   |
|----------------------|-----------------------------------|
| Audio Interface      | N/A                               |
| Alarm                | N/A                               |
| RS485                | N/A                               |
| BNC Output           | N/A                               |
| Reset Button         | Yes                               |
| Edge Storage         | microSD, max storage up to 256 GB |
| Two-way power in-out | Yes                               |

### ELECTRICAL

|                       |                    |
|-----------------------|--------------------|
| Power Supply          | DC 12V/POE         |
| Power Consumption     | ≤ 3.5W             |
| Operating Temperature | -30°C ~ +55°C      |
| Operating Humidity    | Less than ≤ 95% RH |
| Ingress Protection    | IP67               |
| Casing                | Metal              |
| Dimensions            | Ø71.2 x 150.6mm    |
| Net Weight            | Appr. 349g         |

### CERTIFICATIONS

|                |                |
|----------------|----------------|
| Certifications | CE, RoHS, FCC. |
|----------------|----------------|

## DIMENSIONS

