

# HL-DI2028F

2MP Starlight Dome Network Camera



2.0MP

H.265

d-WDR

HLC

BLC

3D-DNR

IP67

ONVIF

## Key Features

- Compact design, metal case
- 2.8mm fixed lens
- H.265 encoding, 2MP@30fps
- Smart IR up to 30m
- ROI, Defog, BLC, HLC
- DC12V / PoE
- Built-in microphone

## SPECIFICATIONS

### CAMERA

|                          |   |
|--------------------------|---|
| Image Sensor             | 1/2.7" Progressive CMOS+JJ4:J79                     |
| Effective Pixels         | 2MP 1920(H)×1080(V)                                 |
| Scanning System          | PAL/NTSC  |
| Electronic Shutter Speed | 1/5 ~ 1/20000s                                      |
| Slow Shutter             | Support   |
| Min. illumination        | Color 0.05lux @ F1.2(AGC ON) ;<br>B/W 0 lux @ IR ON |
| S/N Ratio                | 47.5dB  |
| IR LEDs                  | 2pcs (Array)  |
| IR Range                 | Up to 30m   |
| IR On/Off Control        | Auto  |

### LENS

|                         |                |
|-------------------------|----------------|
| Starlight               | Yes            |
| Lens Type               | Fixed          |
| Iris                    | Fixed Iris     |
| Focal Length            | 2.8mm          |
| F Number (Max Aperture) | F No. 2.3±10%  |
| Angle of View           | H.FOV: 103.02° |
| Focus Control           | Auto           |
| Close Focus Distance    | 0.3m           |

### INTELLIGENCE

|               |                           |
|---------------|---------------------------|
| Event Trigger | Motion Event, Alarm Event |
| IVS           | N/A                       |

### VIDEO

|                               |   |
|-------------------------------|---|
| Compression                   | H.265 / H.264   |
| Max. Resolution               | 2MP 1920(H)×1080(V)   |
| Streaming Capability          | Dual  |
| Stream / Frame Rate           | Main Stream(1~30fps)<br>1080P(1920x1080)<br>Sub Stream<br>VGA(640x480)            |
| Bit Rate                      | 128Kbps ~ 4Mbps   |
| Day/Night                     | IR cut filter with auto switch<br>(Day/Night/Auto/Schedule)                       |
| Image Enhancement             | dWDR, BLC, HLC, Defog   |
| Image Settings                | Flip, Rotation, Saturation,<br>Brightness, Contrast, Hue,<br>Sharpness adjustable |
| White Balance                 | Yes   |
| Gain Control                  | Yes   |
| Noise Reduction               | 3D DNR  |
| El. 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 (10/100BASE-T)  |
| Protocols        | TCP/IP, HTTP, DHCP, DNS,<br>DDNS, RTP/RTSP, SMTP, NTP,<br>UPnP, SNMP, HTTPS, FTP |
| Interoperability | ONVIF (Profile S/G/T)  |
| Streaming Method | Unicast / Multicast  |
| Max. User Access | Max 2 (admin+user)   |
| Web Viewer       | IE8,9,10,11, Chrome 44/lower,<br>Firefox 51/lower, Safari 11/lower               |
| Smart Phone      | IOS, Android system  |

### INTERFACE

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

### 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            | Ø70.9 X 150.8mm    |
| Net Weight            | appr. 349g         |

### CERTIFICATIONS

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

**DIMENSIONS**

