

# HL-BI2028F

2MP Starlight Bullet 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
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) ; 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) 1080P(1920x1080) Sub Stream VGA(640x480)
Bit Rate	128Kbps ~ 4Mbps
Day/Night	IR cut filter with auto switch (Day/Night/Auto/Schedule)
Image Enhancement	dWDR, BLC, HLC, Defog
Image Settings	Flip, Rotation, Saturation, Brightness, Contrast, Hue, 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, DDNS, RTP/RTSP, SMTP, NTP, 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, 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
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**DIMENSIONS**

