

HL-DI8028F

H.265, 8MP Starlight Dome Network Camera



8.0MP

H.265

WDR
(120db)

HLC

STARLIGHT

BLC

3D-DNR

IP67

ONVIF

Key Features

- Compact design, metal case
- 1/ 2.7" Progressive Scan CMOS
- 2.8mm fixed lens
- H.265 encoding, 8MP@15fps
- Smart IR up to 30m
- ROI, defog, BLC, HLC
- DC12V / PoE
- IVS features

SPECIFICATIONS

CAMERA

Image Sensor	1/2.8" Progressive CMOS
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	PAL/NTSC
Electronic Shutter Speed	1/5 ~ 1/20000s
Slow Shutter	Support
Min. illumination	Color 0.01lux @ F1.2 (AGC ON) ; B/W 0 lux @ IR ON
S/N Ratio	44dB
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. 1.6 ± 10%
Angle of View	H.FOV: 106.9°
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	8MP (3840×2160)
Streaming Capability	Triple
Stream / Frame Rate	Mainstream: (1~15fps) 8MP (3840x2160), 4MP (2592x1520), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720), Substream: (1~15fps) 720P (1280x720), VGA (640x480) Mobilestream: VGA (640x480), QVGA (320x240)
Bit Rate	8Kbps ~ 8Mbps
Day/Night	IR cut filter with auto switch (Day/Night/Auto/Schedule)
Image Enhancement	WDR, 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 10M / 100M Ethernet interface x1
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Interoperability	ONVIF (Profile S, Profile G)
Streaming Method	Multicast
Max. User Access	10
Web Viewer	Internet Explorer 8 and above; Firefox 51 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	≤ 4.2W
Operating Temperature	-30°C ~ +55°C
Operating Humidity	Less than ≤ 95% RH
Ingress Protection	IP67
Casing	Metal
Dimensions	Ø100 x 90mm
Net Weight	Appr. 474g

CERTIFICATIONS

Certifications	CE, RoHS, FCC
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DIMENSIONS

