

## 2 MP DOME NETWORK CAMERA

### HIPC-D3112-DLS-I2

- **2MP Full HD** – 1920×1080 video @30fps
- **Video Compression** – Smart H.265+ / H.265 / H.264B / H.264M / H.264H
- **Low-Light Performance** – 0.02Lux (F1.6, AGC ON), 0Lux with IR
- **Night Vision** – Up to 40m IR range, 20m white light distance
- **Two-Way Audio** – Built-in microphone and speaker
- **Power Options** – DC12V ±25% (Max. 6.5W) / PoE IEEE 802.3af (Max. 7W)
- **IP66 Protection** – Weatherproof ingress protection



1/2.8" CMOS  
IMAGE SENSOR



2 MEGAPIXEL



BUILT IN  
MIC



BUILT IN  
SPEAKER



IP66

### SYSTEM OVERVIEW

2MP IP Camera delivers clear Full HD imaging with smart IR and white light for reliable day/night monitoring. Intelligent detection, built-in audio, and an IP66-rated design ensure secure and stable surveillance.

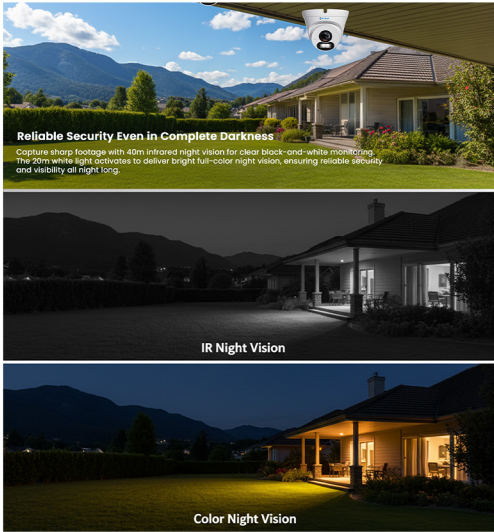
### ABOUT HIFOCUS

HI-FOCUS is a trusted leader in surveillance and networking solutions with more than a **Decade of experience** in CCTV Industry. We deliver innovative, reliable, and high-performance security products designed to meet global quality standards. Every HI-FOCUS product is engineered with precision and rigorously tested to ensure superior performance and customer satisfaction.

### WHAT IS HIT TECHNOLOGY ?

HIT (HI-FOCUS Integrated Trust) is a next-generation security framework that strengthens surveillance systems with advanced cyber security and intelligent design. By integrating encrypted data transmission, secure device authentication, and protected remote access, HIT ensures surveillance systems remain secure, reliable, and trusted.







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### Dual Stream

Dual Stream technology enables the CCTV camera to send two video streams simultaneously one high quality stream for clear recording and storage, and a secondary low bandwidth stream for smooth live viewing on mobile apps and remote access. This ensures sharp footage, faster streaming, and efficient bandwidth usage, making everyday monitoring reliable and hassle-free.

### OSD

The intuitive OSD menu enables quick, precise control of image and detection settings for optimal performance in any environment.

### Dual Night Vision Illumination

Advanced night surveillance with IR range up to 40 meters for clear visibility in complete darkness. The powerful infrared LEDs ensure sharp black-and-white monitoring at night. Integrated white light up to 20 meters enables bright full-color video in low light environments. This dual illumination system enhances security and provides reliable monitoring in all lighting conditions.

### Built-in Mic & Speaker

Built-in microphone can record audio along with video footage. A built-in speaker allows two-way communication, useful for security monitoring. These features help in real-time interaction, like warning intruders or talking to visitors. Commonly used in homes, offices, and public spaces for enhanced surveillance

### IP66 Ingress Protection

Crafted with an IP66-rated enclosure for superior protection against dust and moisture. Adds an extra layer of durability beyond standard indoor requirements. Ensures long-term reliability and consistent performance over time.



## CORE FEATURES

### CAMERA

Image Sensor	1/2.8" CMOS Image Sensor
Minimum illumination	Color: 0.02Lux@(F1.6, AGC ON), B/W: 0Lux with IR
Shutter Speed	1s-1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	upto 40m
Wave length	850nm
White Light Distance	20m
WDR	DWDR
s/N	>42dB
Focal Length	2.8mm
Aperture Range	F1.6
Aperture Type	Fixed
Digital Zoom	16x

### VIDEO

Video Compression	Smart H.265/H.265/H.264B/ H.264M/H.264H
Video Bit Rate	32k~6Mbps
Audio Compression	G.711A/G.711U/ADPCM_D
Audio Sampling Rate	8kHz/32kHz/48kHz
Max. Resolution	2MP, 1920×1080 @30fps
Main Stream	PAL:25fps (1920×1080, 1280×720, 640×480, 704×576) NTSC:30fps (1920×1080, 1280×720, 640×480, 704×480)
Sub Stream	PAL:25fps (704×576, 704×288, 640×360, 352×288) NTSC: 30fps (704×480, 704×240, 640×360, 352×240)
BLC	Supported
HLC	Supported
AGC	Supported
3DNR	Supported

### White Balance

Auto/Semi-auto/Manual/Sunny/  
Natural light/Warm light/Sodium  
lamp/Incandescent lamp/  
Locked white balance

### ROI

8 regions

### OSD

3 regions; 16x16/32x32/48x48

### Defog

Supported

### Privacy Mask

4 regions

### INTELLIGENT ANALYSIS

### Basic Event

Tripwire, Perimeter, Motion  
Detection, Mask Alarm, IP Address  
Conflict, Network Disconnection,  
Trigger Warmlight, Trigger Capture

### Rules of Behavior Analyse In 1 Scene

2

### SECURITY

### Cyber Security

AES 256-bit Encryption,  
Configuration encryption,  
trusted execution, Digest,  
security logs,account lockout,  
syslog, video encryption,  
IP/MAC filtering, HTTPS,  
trusted upgrade,trusted boot

### INTERFACE

### Network Interface

1 RJ45 10M/ 100M self adaptive  
Ethernet port

### Built-in Mic

Supported

### Built-in Speaker

Supported

### On-Board Storage

Built-in Micro SD card slot,  
up to 512 GB



## NETWORK

Protocols	RTSP, HTTP, HTTPS, TCP, UDP, UPnP, ICMP, DHCP, DNS, DDNS, Easy DDNS, NTP, TLS v1.2, QoS, IPv4, SSH, Unicast, FTP
System Compatibility	ONVIF (Profile S/T), SDK, CGI
Remote Connection	≤2

## GENERAL

Operating Temperature	-30°C~60°C(-22°F~140°F)
Operating Humidity	≤95%RH
Storage Temperature	-30°C~60°C(-22°F~140°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	DC12V±25%,Max. 6.5W PoE: IEEE 802.3af, Max. 7W
Ingress Protection	Surge protection 4000V, ESD6000V, IP67
Certification	MTBF Certificate from STQC, EMI/EMC, ISO9001, CE, FCC and RoHS, BIS, STQC approved compliance report, REACH, ESD 4KV, BIS-ER-01, BIS-IS-13252
Package Dimensions	140(L)140(W)120(H)mm
Gross Weight	0.35Kg



## Dimensions

