

2 MP DOME NETWORK CAMERA

HIPC-D3312-DLS-I2



- **2 MP High Definition** – 1920×1080@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** – Ingress protection for outdoor use



SYSTEM OVERVIEW

The 2MP Dome IP Camera with, 40m smart IR and 20m white light and Smart H.265/H.264 compression, this camera delivers clear day and night monitoring. Integrated two-way audio, and PoE support enable flexible surveillance. The IP66-rated housing ensures reliable outdoor performance.

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.

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
WDR	120dB
s/N	>42dB
Focal Length	2.8mm
Aperture Range	F1.6 Fixed
Field of View	102.9°
Digital Zoom	16x

VIDEO

Video Compression	Smart H.265/H.265/H.264B/ H.264M/H.264H
Video Bit Rate	32k~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D
Audio Sampling Rate	8kHz/32kHz/48kHz
Max. Resolution	1920 x 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

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	≤95%RH
Power Supply	DC12V±25%,Max. 6.5W PoE: IEEE 802.3af, Max. 7W
Ingress Protection	Surge protection 4000V, ESD6000V, IP66
Certification	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

