

## 4 MP DOME NETWORK CAMERA

### HIPC-D3304-DLS-R1



- **4 MP High Resolution** – 2560×1440 video @25fps
- **Video Compression** – H.265 / H.264 for reduced storage and bandwidth
- **Low Light Performance** – 0.001Lux (color), 0Lux with IR
- **Night Vision** – 50m IR range, 20m white light
- **Two Way Audio** – Built-in microphone and speaker
- **Power Options** – DC12V±25%, Max. 6.5W
- **IP66 Weatherproof** – Reliable outdoor protection



1/3" CMOS  
IMAGE SENSOR



4 MEGAPIXEL



BUILT IN  
MIC



BUILT IN  
SPEAKER



IP66

### SYSTEM OVERVIEW

Powered by a CMOS image sensor with smart IR and white light, this 4MP IP camera delivers clear day/night video with H.265 compression, built-in Mic and Speaker, strong cybersecurity, and an IP66-rated design for reliable 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.



**Advanced Health Care Surveillance Solutions**




Ensuring secure monitoring of critical areas such as entrances, ICUs, pharmacies, and parking zones. Enhances patient and staff safety while preventing unauthorized access and supporting healthcare security protocols.



**Real-Time Two-Way Audio Connectivity**

Stay connected anywhere with built-in two-way audio. Listen and speak in real time through your mobile device with clear sound and seamless communication—all in one smart security solution.



**Educational Institutions & ATM**

Ensure student and staff safety across classrooms, hallways, and campus areas. 24/7 remote monitoring ensure customer safety and prevent fraud with smart surveillance designed for ATM environments.





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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 Light Night Vision

Equipped with Smart IR illumination up to 50 meters and white light up to 20 meters, the camera maintains clear visibility in low-light environments. The dual-light design supports consistent image clarity even in complete darkness.

### Two Way Audio

Equipped with a built-in microphone and speaker, the camera supports real-time two-way audio communication. Listen to on-site sounds and speak directly through the camera using your mobile app. Ideal for home, office, and retail monitoring, it adds an extra layer of interaction, security, and convenience.

### 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	1/3" CMOS Image Sensor
Minimum illumination	Color:0.001Lux@(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	Up to 50m
Wavelength	850nm
White Light Distance	20m
WDR	DWDR
Focal Length	2.8mm/4mm
Aperture Range	F1.6
Aperture Type	Fixed
Digital Zoom	16x

### VIDEO

Video Compression	H.265, H.264
Video Bit Rate	128~6144kbps
Audio Compression	G.711U
Max. Resolution	4MP, 2560×1440 @25fps
Main Stream	25fps(2560 x,1440, 2304 x 1296, 1920×1080, 1280×720)
Sub Stream	25fps(704×576, 352×288)
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	Supported
OSD	4regions; 16x16/32x32/48x48/64x64
Defog	Supported
Privacy Mask	4 regions

### INTELLIGENT ANALYSIS

Basic Event	Motion Detection, Tampering Alarm
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### 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
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### INTERFACE

Network Interface	1×RJ-45 (10/100 Base-T)
Built-in Mic	Supported
Built in Speaker	Supported

### NETWORK

Protocols	TCP, UDP, HTTP, HTTPS, DNS, RTSP, RTMP, DDNS, SMTP, FTP, NTP, DHCP, IGMP, ICMP
User/Host	8 users
Web	IE10+, Firefox52+, Edge89+, Safari11+, Chrome57+

### 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)
Ingress Protection	IP66
Power Supply	DC12V±25%, Max. 6.5W
Certification	EMI/EMC, ISO9001, CE, FCC and RoHS, BIS, STQC approved compliance report, REACH, ESD 4KV, BIS-ER-01, BIS-IS-13252
Package Dimensions	180(L)90(W)95(H)mm
GrossWeight	0.3Kg
NetWeight	0.25Kg



## Dimensions

