

4 MP DOME NETWORK CAMERA

HIPC-D3024E-I2

- ▶ **4 MP High Definition** – 2688×1520 video @30fps
- ▶ **Video Compression** – Smart H.265+ / H.265 / H.264B / H.264M / H.264H
- ▶ **Low-Light Performance** – 0.02Lux (F2.0, AGC ON), 0Lux with IR
- ▶ **Night Vision** – Up to 30m IR range
- ▶ **Built-in Microphone** – Real-time audio capture
- ▶ **Power Option** – PoE IEEE 802.3af, max. 7W



1/2.7" CMOS
IMAGE SENSOR



4 MEGAPIXEL



BUILT IN
MIC



30M IR
DISTANCE



IP66

SYSTEM OVERVIEW

4MP Dome IP Camera delivers sharp ultra-HD video with smart IR up to 30m for reliable day and night monitoring. Built-in mic, intelligent detection, and efficient H.265 compression enhance security. Its IP66-rated housing with PoE support ensures dependable surveillance.

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.

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.



Design and specifications are subject to change without notice. Visit HiFocusCctv.com for the latest product information /specification.

Motion Detection Protection

Instant motion detection with real-time alerts and sound & light alarms for enhanced home security.

See Every Detail in 4MP

Sharper. Clearer. Smarter Indoor Security.



30m IR



Human & Vehicle Triggered Mode



Built-in Mic

Support 1-Way Audio Recording.



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.

IR Distance

The camera is equipped with IR LEDs that provide clear night vision, capturing objects up to 30 meters even in complete darkness. This ensures reliable surveillance around the clock, making it ideal for homes, offices, and outdoor areas. With enhanced visibility in low-light conditions, it strengthens security and helps monitor every detail effectively..

Built-in Mic

The camera features a built-in microphone for real-time audio capture. It records clear sound directly from the monitored area. Ideal for monitoring conversations or ambient noises for security. Enhances overall surveillance by combining both video and audio monitoring.

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
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 30m
Wave length	850nm
WDR	DWDR
s/N	>39dB
Focal Length	2.8mm
Aperture Range	F2.0
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	4MP,2688×1520@30fps
Main Stream	PAL: 25fps (2688×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720) NTSC: 30fps (2688×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720)
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×RJ-45 (10/100 Base-T)

Built-in Mic

Supported

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	PoE: IEEE 802.3af, Max. 6W
Ingress Protection	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	0.3Kg
NetWeight	0.25Kg



Dimensions

