

## 2 MP DOME NETWORK CAMERA

### HIPC-D3022-DL-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 30m IR range, 15m white light distance
- **Built-in Microphone** – Real-time audio capture
- **Power Options** – DC12V ±25% (Max. 6.5W) / PoE IEEE 802.3af (Max. 7W)



1/2.8" CMOS  
IMAGE SENSOR



2 MEGAPIXEL



BUILT IN  
MIC



30M IR  
15M WHITE LIGHT



IP66

#### SYSTEM OVERVIEW

2MP IP Camera delivers clear Full HD video with smart IR and white light for reliable day and night monitoring. Built-in mic, intelligent detection, and efficient H.265 compression enhance security performance, while the IP66-rated design 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](http://HiFocusCctv.com) for the latest product information /specification.

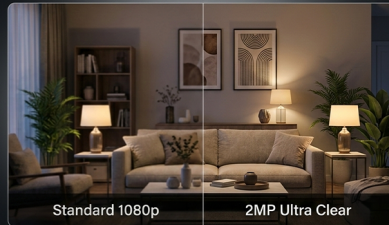
### Motion Detection Protection

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



### See Every Detail in 2MP

Sharper. Clearer. Smarter Indoor Security.



### Advanced Weather proof Security Solutions

Rain or dust, an IP66-rated camera ensures reliable outdoor security. Weatherproof, durable, and built to perform in any condition.

**30m IR**  
15m White Light



**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.



Design and specifications are subject to change without notice. Visit [HiFocusCctv.com](http://HiFocusCctv.com) for the latest product information /specification.



## 2MP DOME NETWORK CAMERA | HIPC-D3022-DL-I2

### 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 30 meters for clear visibility in complete darkness. The powerful infrared LEDs ensure sharp black-and-white monitoring at night. Integrated white light up to 15 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

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),<br>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                  | 120dB                                                |
| s/N                  | <56dB                                                |
| Focal Length         | 2.8mm                                                |
| Aperture Range       | F1.6                                                 |
| Aperture Type        | Fixed                                                |
| Digital Zoom         | 16x                                                  |

### VIDEO

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Video Compression   | Smart H.265/H.265/H.264B/<br>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,<br>640×480, 704×576)<br>NTSC:30fps (1920×1080, 1280×720,<br>640×480, 704×480) |
| Sub Stream          | PAL:25fps (704×576, 704×288,<br>640×360, 352×288)<br>NTSC: 30fps (704×480, 704×240,<br>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      | ≤95%RH                                                                                                            |
| Power Supply          | DC12V±25%,Max. 6.5W                                                                                               |
| 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          | 0.35Kg                                                                                                            |
| NetWeight             | 0.25Kg                                                                                                            |



## Dimensions

