

2 MP BULLET NETWORK CAMERA

HIPC-T4302E-DL-I3



- **2 MP High Definition** – 2MP, 1920×1080 @30fps
- **Lens** – 4mm Fixed Lens
- **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** – Smart IR up to 30m
- **White Light** – Up to 15m White Light Distance
- **Wide Dynamic Range** – DWDR Support
- **Built-in Microphone** – Real-Time audio capture
- **Network Compatibility** – ONVIF Profile S,T, SDK, CGI
- **Power Supply** – PoE IEEE 802.3af, Max. 2.5W
- **Protection Rating** – IP66 Weatherproof Rating



1/3" CMOS
IMAGE SENSOR



2 MEGAPIXEL



BUILT IN
MIC



30M IR
15M WHITE LIGHT



IP66

SYSTEM OVERVIEW

2MP Bullet Camera delivers clear Full HD video with 30m Smart IR and 15m white light for dependable day and night surveillance. Features Smart H.265+ compression, DWDR, built-in microphone, and ONVIF compatibility. Built with PoE support and IP66 weatherproof protection for 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.



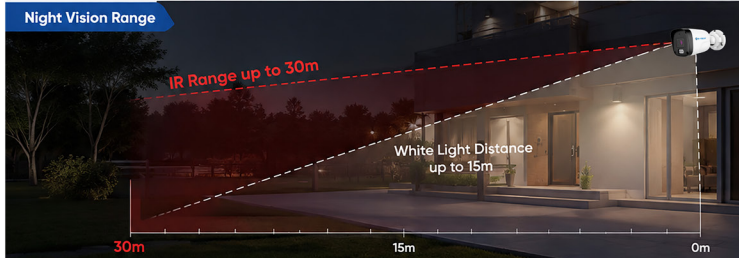
Design and specifications are subject to change without notice. Visit HiFocusCctv.com for the latest product information /specification.

Smarter Security Stronger Protection

Advanced Outdoor Camera with
Powerful IR & White Light



Night Vision Range



Crystal Clear Security 2MP Full HD

1920×1080@30fps

Advanced Outdoor Camera for
Sharp Details, 24/7 Protection



2MP
1920×1080



Built-in MIC

Clearer Communication,
Smarter Security



Built for Every Climate

IP66

Ingress
Protection

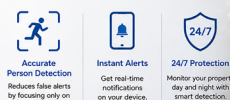
Ultimate Outdoor Security,
Rain or Shine



IP66
Ingress Protection
Reliable Performance
in Extreme Conditions

SMARTER SECURITY WITH MOTION DETECTION

Detects Human Movement.
Protects What Matters.



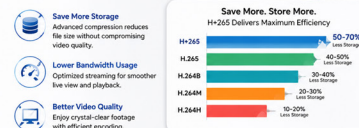
HOW IT WORKS



Advanced Video Compression Smart H+265

Smarter Storage. Smoother Streaming.

H+265 / H.265 / H.264B / H.264M / H.264H



Smart Compression Better Performance

H+265 technology delivers the
perfect balance of storage
saving, bandwidth efficiency,
and high-quality video.

Without Smart Compression
Higher Storage | Higher Bandwidth | Lower Efficiency



With Smart H+265 Compression
Lower Storage | Lower Bandwidth | Higher Efficiency



Ideal for 24/7 Protection
Store more days of footage
and enjoy seamless remote
access anytime, anywhere.



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



2MP BULLET NETWORK CAMERA | HIPC-T4302E-DL-I3

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

IR night vision up to 30 meters provides clear black and white monitoring in complete darkness. The integrated 15-meter white light delivers bright, full-color video in low-light conditions. With dual illumination, you get sharp, reliable surveillance in changing lighting environments.

Built-in Mic

Built-in Microphone enables real-time audio capture, recording clear sound from the monitored area. It adds an extra layer of security by capturing conversations and ambient sounds, providing comprehensive video and audio 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	1/3"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)
IR LEDs	2
Smart IR	Upto 30m
Wave length	850nm
White LEDs	2
Whitelight Distance	Upto 15m
WDR	DWDR
S/N	>52dB
Focal Length	4mm
Aperture Range	F1.6
Aperture Type	Fixed
Field of View	75.3°(H), 39.9°(V), 87.1°(D)
DORI Distance	Detect:59.26m Observe:23.52m Recognize:11.85m Identify:5.93m

VIDEO

Video Compression	Smart H.265+/H.265/H.264B /H.264M/H.264H
Video Bit Rate	32k~4Mbps
Audio Compression	G.711A/G.711U
Audio Sampling Rate	8kHz
Max. Resolution	2MP,1920×1080@30fps
Main Stream	PAL:25fps(1920×1080, 1280×720) NTSC:30fps(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/
Sunshine/Nature Light/Warmlight
Lamp/Daylight Lamp/ Filament
Lamp/Lock White Balance

OSD

16x16/32x32/48x48

Defog

Supported

Privacy Mask

4 regions

INTELLIGENT ANALYSIS

Basic Event

Motion Detection, IP Address Conflict

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, TCP, UDP, ICMP, DHCP,
DNS, NTP, IPv4, SSH, Unicast

System Compatibility

ONVIF(Profile S,T) , SDK, CGI

Remote Connection

≤2

Client

HF Prime VMS



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. 2.5W
Ingress Protection	Surge4000V, ESD6000V, IP66
Certification	EMI/EMC, ISO9001, CE, FCC and RoHS, BIS, STQC approved compliance report, REACH, ESD 4KV, BIS-ER-01, BIS-IS-13252
Boundary Dimensions	140(L)60(W)60(H)mm
Package Dimensions	155(L)75(W)85(H)mm
Gross Weight	0.2kg



Dimensions

