

2 MP BULLET NETWORK CAMERA

HIPC-T4902E-DL-I3



- **2 MP High Definition** – 2MP, 1920×1080 @30fps
- **Lens** – 6mm 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 80m
- **White Light** – Up to 20-30m 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. 4W
- **Protection Rating** – IP66 Weatherproof Rating



1/3" CMOS
IMAGE SENSOR



2 MEGAPIXEL



BUILT IN
MIC



80M IR DISTANCE
20-30M WHITE LIGHT



IP66

SYSTEM OVERVIEW

2MP Bullet Camera delivers sharp Full HD surveillance with 4mm fixed lens, 80m Smart IR, and 20-30m white light for reliable day-and-night monitoring. Equipped with Smart H.265+ compression, DWDR, built-in microphone, and ONVIF compatibility. PoE powered and IP66 protected for dependable outdoor security.

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.

Built-in Mic

Hear More. Know More.
Clear audio for enhanced security.




Full HD | Night Vision | Weatherproof | Remote Monitoring



24/7 Petrol Bunk Surveillance

Monitor fuel stations in real-time with crystal-clear security and smart remote access.



MOTION DETECTION INTRUDER ALERT

Smart motion detection keeps your property safe.
Instant alerts, real-time protection.

- MOTION DETECTION**
Detects suspicious movement instantly
- INSTANT ALERT**
Get real-time push notifications on your phone
- 24/7 PROTECTION**
Continuous monitoring for complete peace of mind



IP66 INGRESS PROTECTION

Built for toughest environments.
Reliable protection, rain or shine.

- WATERPROOF**
Protected against heavy rain and splashes
- DUSTPROOF**
Complete protection against dust & particles
- BUILT TO ENDURE**
Performs in extreme weather conditions
- RELIABLE SECURITY**
24/7 protection you can count on







IR RANGE UP TO 80m

Powerful Infrared LEDs for clear night vision up to 80 meters.



WHITE LIGHT DISTANCE UP TO 20-30M

SMART VIDEO COMPRESSION H.265+ / H.264+ EFFICIENCY

Advanced compression technology for smarter storage & smooth streaming

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

Smart H.265+	H.265	H.264B	H.264M	H.264H
Storage Saved 75%	Storage Saved 70%	Storage Saved 50%	Storage Saved 30%	Storage Saved 20%

- SAVE STORAGE**
Up to 75% less storage compared to H.264H
- OPTIMIZED BANDWIDTH**
Lower bandwidth usage for smoother streaming
- ENHANCED PERFORMANCE**
Deliver high-quality video with maximum efficiency
- FLEXIBLE COMPATIBILITY**
Supports multiple compression standards for every need





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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

IR night vision up to 80 meters provides clear black and white monitoring in complete darkness. The integrated 20-30 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	6
Smart IR	Upto 80m
Wave length	850nm
White LEDs	6
Whitelight Distance	Upto 20-30m
WDR	DWDR
s/N	>52dB
Focal Length	6mm
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. 4W
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

