# 3MP WIFI ROBO CAMERA

## HIPC-R5013-DLSW-I3

- **3 MP High Definition –** 2304 × 1296 Video @ 15fps
- **Lens –** 4mm Fixed Lens
- **Video Compression –** H.265 / H.264
- **Low-Light Performance –** 0.01Lux (F2.0, AGC ON), 0Lux with IR
- **Night Vision –** Upto 30M IR Range, 20M White Light
- **Dual-Band WiFi –** Supports 2.4GHz & 5GHz WiFi
- **Wide Dynamic Range –** DWDR Support
- **Storage Support –** MicroSD Card up to 512GB
- **Cybersecurity –** AES 256-bit Encryption & Secure Boot
- **Power Supply –** DC12V ±15%, Max. 6.5W
- **Protection Rating –** IP66 Weatherproof Rating




1/3" CMOS IMAGE SENSOR | 3 MEGAPIXEL | 30M IR 20M WHITE LIGHT | SUPPORTS SD CARD UP TO 512GB | IP66

## SYSTEM OVERVIEW

3MP Wi-Fi PT Camera delivers clear 2304 × 1296 video with 30m IR and 20m white light for day-and-night surveillance. Dual-band Wi-Fi (2.4GHz/5GHz) enables convenient wireless connectivity, while 512GB MicroSD support provides local recording. AES-256 encryption, Secure Boot, and IP66 protection ensure secure, reliable outdoor monitoring.

## 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.

Hi-Fy HIT HIFOCUS INTEGRATED TRUST

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HI-FOCUS®

## Two-way Audio

Listen and talk in real time from anywhere.




## Dual-Band Wi-Fi

Supports both 2.4GHz & 5GHz networks.



## Alexa Support

Easy voice control with compatible Alexa devices.



## 360° Coverage, Smarter Protection

See Every Corner. Never Miss a Moment.




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## Dual Stream

Dual Stream technology enables the camera to transmit two video streams simultaneously, offering different resolution and bandwidth options for recording and remote viewing. This ensures smooth video streaming, efficient bandwidth usage, and reliable surveillance across varying network conditions.

## 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 illumination up to 30 meters for clear black-and-white monitoring in darkness. Integrated white light up to 20 meters enables color video in low-light conditions, enhancing visibility and providing reliable monitoring throughout the day and night.

## Dual Band Wi-Fi Connectivity

Supporting both 2.4GHz and 5GHz Wi-Fi frequencies, the camera offers flexible wireless connectivity for seamless surveillance. Dual Band technology enables compatibility with different wireless networks, supporting stable video streaming and convenient remote monitoring.

## IP66 Weather Protection

Designed for reliable performance in demanding outdoor environments, the camera features IP66-rated protection against dust and water ingress. Its weather-resistant construction helps maintain dependable surveillance in challenging conditions, making it suitable for outdoor security applications.

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# CORE FEATURES

## CAMERA

| | |
|---|---|
| Image Sensor | 1/3" CMOS Image Sensor |
| Minimum illumination | Color:0.01Lux@(F2.0,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 30m |
| Wave length | 850nm |
| Whitelight Distance | 20m |
| WDR | DWDR |
| Focal Length | 4mm |
| Aperture Range | F2.0 |
| Aperture Type | Fixed |

## VIDEO

| | |
|---|---|
| Video Compression | H.265, H.264 |
| Video Bit Rate | 128~6144 Kbps |
| Audio Compression | G.711U |
| Max. Resolution | 3MP, 2304x1296@15fps |
| Main Stream | 15fps(2304 x 1296, 1920×1080, 1280×720) |
| Sub Stream | 15fps(704×576, 352×288) |
| AGC | Supported |
| 3DNR | Supported |
| ROI | Supported |
| OSD | 4 areas |
| Privacy Mask | 4 areas |

## 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, WPA2 Encrypition |

## PAN & TILT

| | |
|---|---|
| Pan Range | 350° |
| Pan Speed | 30°/Sec |
| Tilt Speed | 25°/Sec |
| Tilt Range | 0°~90° |

## INTERFACE

| | |
|---|---|
| Network Interface | 1×RJ-45 (10/100 Base-T) |
| Micro SD Card | Support upto 512GB |
| WiFi | Standard 2.4GHz and 5GHz Dual Band Wifi |

## NETWORK

| | |
|---|---|
| Protocols | TCP, RTSPS, RTMPS (Customized) |
| User/Host | 8 users |
| Bluetooth | Bluetooth Fast Pairing Supported |

## 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 | DC12V±15%, 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 |

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# Dimensions




