

# VIN-DS755HA-E4 1080P

## Humanoid Recognition Network Camera



- › The camera is equipped with built-in AI algorithms that can accurately recognize human-shaped objects.
- › Starlight-grade Sony CMOS low-light color image with high resolution for enhanced night-time surveillance
- › Real-time H.265/H.264 multi-mode engine compression technology (Dual Codec) supports multiple levels of video quality configuration.
- › This device supports 256G SD card to store captured pictures and video data, and supports remote inquiry of event data.
- › The identification results are linked with the Vacron recording system to grasp the monitoring and alarm information in real time.
- › Support ONVIF international standard with best compatibility and integration, SDK can be attached for background system vendor's integrations.

## Humanoid recognition function

Number of Humanoid Recognition	• It can recognize 5 sets of human on the monitor screen at the same time.
Recognizable Size of Human	• The size of human figure on video screen needs to be 60*100 pixels or more.
Accuracy Settings Adjustments	• The initial default value is 0. According to constraints of installation environment, the recognition strict level setting can be adjusted to avoid misjudgment or relaxation of recognition. Reduce the rate of false positives for human recognition.
Alarm Zone Settings	• Provide two groups of warning area settings, and irregular frames can be set as the warning area setting. Humanoid recognition in the warning zone can be set. When the humanoid object touches the warning frame, the humanoid object will be listed and tracked until the humanoid object leaves the warning zone. It can be used with the alarm setting as a linkage setting.
Alarm Response Time	• Configurable I/O alarm output time allows the manager to have response time. Can setup IO alarm output voltage level high/low (0V~3.3V) for remote siren or gearing alert
Humanoid recognition image storage	• You can set up for video storage in the SD card of device itself, or set up a FTP Server to transmit the humanoid recognition results to the server.
Micro SD Card Storage in Device	• It supports 256 GB Micro SD card for humanoid recognition images storage in the device. It can carry out humanoid recognition images confirmation on the browser page. (After the humanoid recognition system captures SD card photo function is turned on, the built-in SD card will be formatted and forcibly turn off normal surveillance video)
Co-development	• Please contact FUHO sales representative to discuss the development and integration of multiple AI system functions.

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## SPECIFICATIONS

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**System-** Flash : 256MB

RAM : 512MB

**Image Sensor-** SONY FullHD High Quality 1/2.8" CMOS Image Sensor

**Lens-** Board Lens 3.6 mm

**Optical Filter-** Built-in Magnetic Infrared Filter Switcher

**Low Illumination-** 0 Lux(IR ON)

**Infrared Light-** 24pcs IR LED

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**Image Performance-** H.265/H.264: 1920x1080 at 60 fps

H.265/H.264: 1280x720 at 60 fps

H.265/H.264: 640x480 at 60 fps

H.265, H.264 multi-mode engine compression technology (Dual Codec)

Support simultaneous transmission of multimode video streams

**Image Adjustment-** Adjustable image size, quality, and bit rate

Time, date or custom text can be displayed on the image, and the display position can be set

Adjustable brightness, contrast, saturation and sharpness

Support AGC 、AWB 、AES 、BLC 、WDR Features

**Electronic Shutter-** 1/2 ~ 1/100,000 Sec

**Network Interface-** 10/100 Mbps Ethernet, RJ-45

**Communication Protocol-** IPv4 、TCP/IP 、DHCP 、HTTP 、RTSP 、SNTP 、DNS

**Browser-** Microsoft Internet Explorer 6.0 above

Safari, Chrome or Firefox

**Alarm Notification-** 1. High/Low (0-3.3V) alarm signal can be connected to I/O OUT.

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2.Human recognition results are captured and transmitted to FTP or device's micro SD card for image storage.

**Users-** Up to 8 users can online monitor at the same time.  
Hierarchical Management of User Rights

**Maintenance-** Support online firmware upgrade

**I/O Port-** RJ-45 Network Connection Port,  
Power Input Port DC12V,  
Sound Input and Output (BNC-RS485 Output),  
Alarm Output

**Power-** VIN-DS755HA-E4:DC12V  
VIN-DS755HEA-E4:  
DC12V or Ethernet PoE IEEE802.3af Class 0 (optional)

**Max. Power Consumption-** 3.6W(IR OFF) 、 12W(IR ON)

**Weight-** Net Weight: 1050g

**Dimensions-** W:Φ135mm H:110mm

**Working Environment-** 0 ~ 45 °C

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