

VIN-US760H1TA-EA 1080P IP66

Crowd Calculation IP Camera



VIN-US760H1TEA-EA
(Optional)



- › The camera is equipped with built-in AI algorithms capable of crowd calculation.
- › 8 High Power IR LEDS, IR Range 30 M
- › With 2.8mm~12mm motorized motor lens, it is convenient for users to adjust the sharpness of the recognition area.
- › 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 system integration company's integrations.

Crowd Calculation

Real-Time Crowd Counting	• The system can display real-time people flow counts directly on the screen, allowing administrators to easily monitor on-site occupancy.
Accuracy Adjustment	• The default value is set to 0, and the recognition sensitivity can be adjusted according to the installation environment and requirements to reduce false detections caused by environmental factors.
Crowd Access Counting	• The counting line can be freely configured on the device, enabling flexible planning of people flow statistics areas based on camera angle and site conditions.
Occupancy Alert	• When exceeding the preset threshold, the system will trigger alarm signals via I/O output, notifying the administrators.
Alarm Output Configuration	• The I/O output duration is adjustable, providing administrators with sufficient reaction time to response. Can setup I/O alarm output voltage level high/low (0V~3.3V) for remote siren or gearing alert.
People Flow Statistics Storage	• Supports saving results to a local Micro SD card or uploading to an FTP server for centralized management.
Micro SD Card Storage in Device	• Supports up to 256GB Micro SD card for storing snapshots of people entering and exiting, which can be viewed via web browser. (Note: When the Crowd Flow Snapshot is enabled, the system will format the SD card and disable regular video recording.)
Customise and System Integration	• For integration of multiple AI system functions, please contact sales representative.
System Accuracy Description	• The IP-CAM crowd counting system performs recognition and statistics based on surveillance video, its accuracy may be affected by factors such as large entrances/exits, multiple people accessing simultaneously, overlapping, or occlusion, which could result in missed or duplicate counts. Under optimal conditions, the system can achieve up to 95% accuracy, making it a reliable auxiliary tool for crowd flow statistics.

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SPECIFICATIONS

System- Flash : 256MB

RAM : 512MB

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

Lens- Motorized / Automatic Zoom 2.8-12mm

ICR- Built-in Magnetic Infrared Filter Switch

Low Lux- 0 Lux(IR ON)

Number of LED- High Power IR LEDs X 8

Image- 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 compression (Dual codec)

Support Simultaneous multiple streams

Image Settings- Adjustable Image Size, Quality and Transmission Speed.

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

Networking Interface- 10/100 Mbps Ethernet, RJ-45

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

Browser- Microsoft Internet Explorer 6.0 or above

Safari, Chrome or Firefox

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

Crowd flow entry/exit data can be stored on the SD card, and the stored data can be used to generate daily, weekly, monthly, and yearly statistics of counts.

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SPECIFICATIONS

Users- Up to 8 users can view online simultaneously.
Multi-level user access control with password protection.

Maintenance- Supports FOTA

I/O- RJ-45 network port, power input port DC12V
Audio input and output (BNC-RS485 output),
alarm output

Power- VIN-US760H1TA-EA: DC12V
VIN-US760H1TA-EA: DC12V or
Ethernet PoE IEEE802.3af Class 0 (optional)

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

Weight- Net weight: 600 g

Dimension (WxDxH)- 255mm x 75.3mm x75mm

Operating Temperature- 0 ~ 45 °C

IP Rating- IP66

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