

# People Counting Camera Without Mask Alarm



## Features:

- Embedded intelligent deep learning face algorithm, extracting target features by itself, forming a deep face image for learning;
- Supports face capture function, supports detection, tracking, capture, scoring, and filtering of sports faces, and outputs the best face capture;
- Support a variety of face capture modes: fast, interval, after leaving (including: distance selection, quality selection) and other face capture modes, the number of captures can be set;
- Support face area recognition, area shielding, face ID statistics and various face parameter settings;
- Supports up to 32 face detection per frame;

- Support face detection between 30\*30-500\*500 pixels;
- Supports uploading of face pictures and original images, and the encoding quality of face pictures is adjustable;
- Support counting of people, accurately output the number and direction of passenger flow.
- Support personnel gathering alarm function, when the number of people reaches the upper limit, an alarm will be generated;
- Support mask recognition, if no mask is worn, an alarm will be generated;
- Support face intelligent exposure mode, wide dynamic range up to 80dB, face is still clearly visible under strong backlight;
- Face capture scenes are respectively aimed at backlighting environment and normal environment, and there are two modes of backlighting scene and normal scene can be set;
- Built-in motorized lens zoom lens, easy to operate, stable zooming process;
- Built-in high-efficiency infrared array light, low power consumption, with ICR infrared filter, automatic switching color/black mode, realizing day and night uninterrupted capture of human faces;
- Support Smart IR, which can intelligently adjust the brightness curve to prevent overexposure of a certain block of images and underexposure of a certain block of images;

## General function:

- The highest resolution can reach 2 million pixels (1920×1080), and at this resolution can output 30fps real-time image, the image is more smooth
- Progressive scan CMOS, capture moving images without aliasing
- Using the latest standard H.265+ video compression technology, high compression ratio, accurate and stable stream control
- Built-in automatic day and night type dual filter switching mechanism, with manual or automatic color to black and other switching methods
- Support smart coding, up to 4 ROI regions of interest
- Support intelligent control, one-key control of alarm switch and fault clearing
- Support digital wide dynamic, 3D digital noise reduction function
- With a variety of white balance modes, suitable for various scene needs
- Support Onvif protocol, national standard GB28181
- Support DC 12V / POE power supply optional;

## Technical Parameter:

Camera	
sensor type	1/2.8" Progressive Scan CMOS
Electronic shutter	1/12s~1/8000s
Minimum illumination	Color 0.005Lux@F1.2; Black and white 0.007Lux@F1.2;
Signal-to-noise ratio	≥50dB(AGC OFF)
Wide dynamic range	≥80dB
Noise reduction	3D digital noise reduction
Lens type	2.8-12mm φ14, horizontal field of view 107°-33°
Compression standard	
Video compression standard	H.265+/H.265/H.264/MJPEG

Encoding type		Main Profile
Video bitrate		32 Kbps~16Mbps
<b>Image</b>		
Image settings		Adjustable brightness, contrast, saturation, sharpness, white balance; AWB (automatic white balance), AGC (automatic gain); support privacy zone occlusion; OSD overlay;
Maximum image size		1920 × 1080
Video resolution	Main stream	1080P(1920×1080)/1280×720
	Auxiliary stream	D1(704×576)/VGA(640×480)/640×352/QVGA(320×240)
Video frame rate		50Hz: 1~25fps 60Hz: 1~30fps
Character overlay		Support
<b>Smart function</b>		
Smart encoding		Support low bit rate, low latency, ROI region of interest enhanced coding, support 4 ROI regions
Smart detection		Motion Detection
Smart control		Support intelligent control of alarm opening, alarm closing, fault clearing, and intelligent noise reduction
<b>Professional intelligence</b>		
Face capture		Support for detecting, tracking, capturing, scoring, and filtering sports faces, and output the best face capture
People Counting		Support people counting, accurately output the number and direction of passenger flow
People gathering		Support personnel gathering alarm function, when the number reaches the upper limit, an alarm will be generated;
Mask recognition		Support mask recognition, without a mask, generate an alarm
Snapshot mode		Multiple face capture modes such as fast, interval, and after leaving, the number of captures can be set
Face capture pixels		Support face detection between 30*30-500*500 pixels
Face exposure		Support
image information		The picture adopts JPEG encoding format, supports face picture and original picture upload, face picture encoding quality is adjustable
Upload method		Proprietary protocol, FTP, HTTP
<b>Network parameters</b>		
Network protocol		IPv4,TCP/IP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP;
Access standard		Support the latest ONVIF/ GB28181
Number of client visits		Support 8 users to log in at the same time
<b>Auxiliary interface</b>		
Network Interface		1 RJ45 10M/100M adaptive Ethernet port
Alarm interface		1 switch alarm output
<b>General parameters</b>		
Infrared distance		Up to 30m
powered by		DC 12V±20% / POE(802.3at) (optional)
Power consumption		DC12V: 12W MAX
Working temperature, humidity		-30℃~60℃, humidity is less than 95% (no condensation)

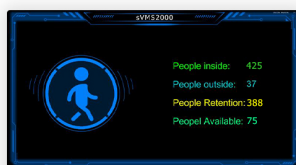
Protection level	IP66
size	196.5*99*87mm
weight	1100g (including packaging accessories)
Installation method	Wall mount or ceiling mount (standard configuration without mounting bracket)

# People flow control solution

Personnel density is one of the important safety indicators for social public spaces; In real life, effective statistics real - time person numbers , reasonable control person access has become a headache problem in security management.

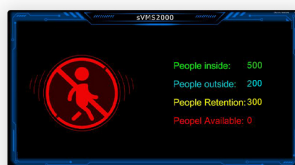
People counting intelligent Camera, real - time statistics people numbers , automatic alarm when available person enter number is 0, friendly assistance security guy to control flow people.

## I Key features



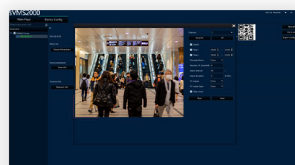
### Real-time display numbers

Display inside person numbers and available enter person numbers



### Automatic alarm when person too crowded

When available person numbers is 0, the system will automatic alarm



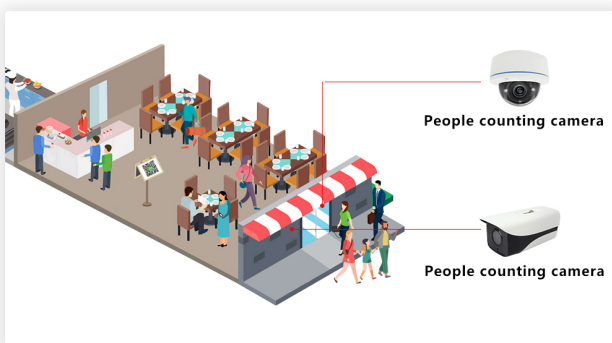
### Real-time display video and counting people quantities

Directly to check real time video ,and easy to do config on SVMS



### Easy and rapid deployment

Rapid to install, easy to use, high security monitoring, suit for all scenes



## People counting camera

- Super backlight human detect technology to meet use for all scenes;
- Accuracy to update and display real-time person numbers;
- Camera easy and rapid to deployment,hanging or wall install are available.

## I Application

Application:Pleasure ground, retail stores, shopping mall restaurant, community activity centers .....

