



CCTV-200

## CCTV Monitor Integrated Access Control and Time Attendance

### Specifications

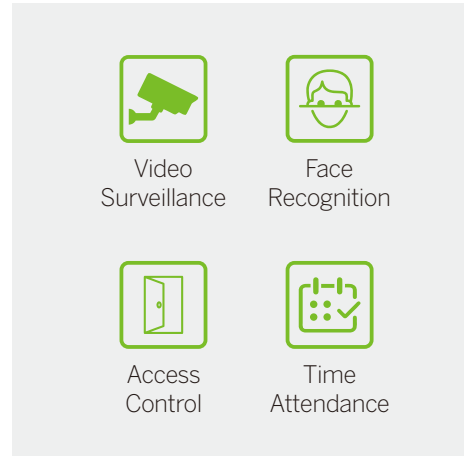
|         |                                  |   |
|---------|----------------------------------|---|
| Product | Model No.                        | CCTV-200  |
|         | Motherboard model                | RS-H636Q-A0-A 3516CV500 (Support 16G/32G/64G EMMC)<br>RS-H636S-A0-B Sensor Board/IMX327/Expanding Board RS-H636Q-A0-C                                   |
| System  | Main processor                   | Hass 3516CV500  |
|         | Imaging device                   | 1/2.8 SOI IMX327  |
|         | Operating system                 | Embedded LINUX Operating System   |
| Face    | Snapshot mode                    | Auto mode, Fast mode, Optimal mode, Custom mode   |
|         | Recognition ability              | 10~20 frames detection frame rate, up to 32 people per frame; maximum support of 150 people per second  |
|         | Recognize face size              | Face pixels 40x40~300x300   |
|         | Attitude                         | Attitude pitch within 45°, right and left can be captured within 90°, oblique face angle within 45°   |
|         | Occlude                          | Ordinary glasses, short stay in the sea, masks have no effect on recognition  |
|         | Expression                       | Under normal circumstances, the expression does not affect recognition  |
|         | Face capture rate                | ≥98% (Meet the above conditions)  |
|         | Responding speed                 | ≤200ms  |
|         | Face to repeat                   | Support   |
|         | Face quality filtering           | Support   |
|         | Face dynamic exposure adjustment | Support   |
|         | Recognition area                 | Full image recognition, support area optional setting, the minimum and maximum pixels for detecting faces can be set, and the detection area can be set |
|         | Image Format                     | Support face matting, half body matting, whole body matting   |
|         | Mobile push message              | Multiple alarm graphic information  |
|         | Upload method                    | FTP, SDK call upload  |
|         | Video encoding standard          | H.264/H.265/H.265+  |
|         | System format                    | PAL 50HZ/NTSC 60HZ  |
|         | Effective resolution             | 1920x1080/1280x720  |

|                  |                       |  |
|------------------|-----------------------|--|
| Video            | Pixels                | 2.0 M pixels   |
|                  | Video frame rate      | 25fps  |
|                  | Video stream          | 128kbps-12288kbps (Default variable bit rate)  |
|                  | Signal to noise ratio | Signal to noise ratio $\geq 50$ dB (Auto gain off)   |
|                  | Minimum illumination  | Day mode 1Lux, Night vision mode 0.01Lux   |
|                  | Day and night mode    | Auto (Passive mode)/Day/Night/Auto (Active mode)/Timing  |
|                  | AWB/BLC/AGC/WDR       | AUTO   |
|                  | AES                   | AUTO/ 1/50(1/60)-1/100,000sec  |
|                  | Video output          | Easytool/EasyVMS Client/Mobile APP Client  |
|                  | Motion detection      | Support  |
|                  | Snapshot function     | Support  |
| Audio            | Coding standards      | G.711U   |
|                  | Audio input           | Passive microphone MIC/active pickup   |
|                  | Audio output          | External 8 $\Omega$ /MAX 1.5W speaker  |
| Video Management | Video mode            | Manual recording, alarm recording, timing recording  |
|                  | Video save            | EMMC (Full Function Board)/PC/NVR  |
| Alarm            | Alarm input/output    | Support  |
|                  | Alarm trigger         | Motion detection alarm, speaker alarm, alarm recording, snapshot, email, external sound and light alarm                                      |
| Network          | Network protocol      | HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Search (Support P6S IP camera, DVR, NVS and etc.) |
| Other            | TF card capacity      | Optional support up to 128G, Micro SD (SDHC/SDXC) card local storage   |
|                  | Operating voltage     | Standard DC12V (Wide voltage 10~16V)   |
|                  | Working current       | 160mA ffl10mA  |
|                  | Working environment   | -10°C ~ 50°C   |
| Dimension        | Motherboard model     | 38x38mm  |
|                  | ICR/LENS pitch        | 20mm   |
|                  | Product               | 197x95x82mm  |
|                  | Package               | 230x130x120mm  |

## Three interfaces



## Dimensions(mm)



## Bracket Installation

Camera can be wall mounted and hoisted



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# Instruction of CCTV Monitor Integrated Access Control

## 1. Brief introduction

The IP camera can be accessed by PC web-based software to manage the device. The WEB software provides several management functions, such as monitoring preview, recording, and configuration.

## 2. Log system

Step1: Make sure connect the right network.

Step2: Make sure the PC and the camera in the same LAN network segment.

(If there is no router in the LAN, please manually modify the parameters of the computer host network segment to be the same as the network camera; if there is a router device in the LAN, you do not need to manually configure the computer host network parameters)

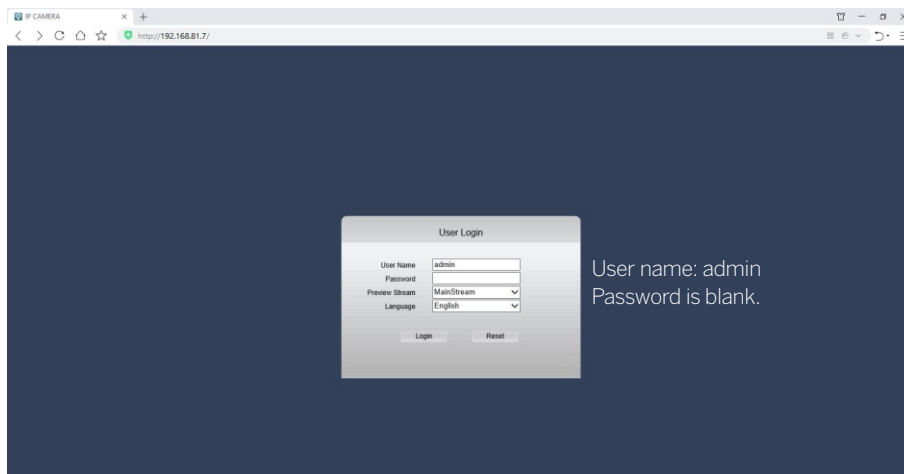
**Note:** the IP camera default IP address: 192.168.1.11

## 3. Log steps

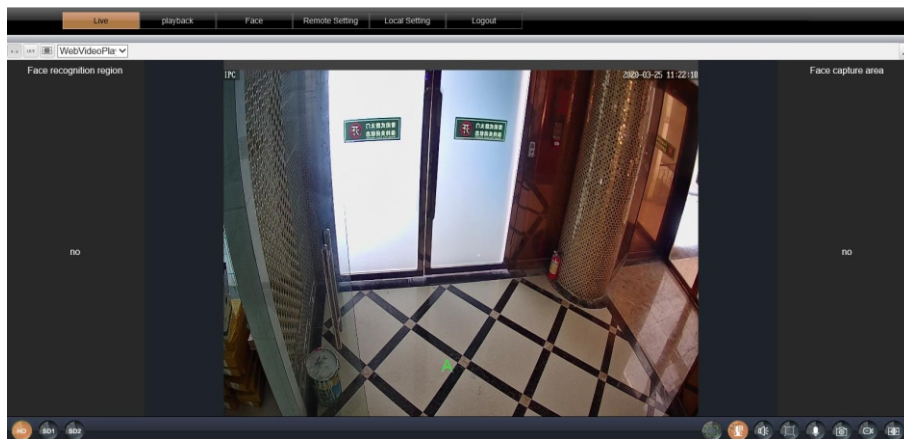
### 3.1 How to log web?

Step1: Open Internet Explorer , and enter the IP camera's IP address:

Step2: After login, the system will pop up the plug-in installation tool. Please download and install the plug-in tool. After the installation ,enter the user name and password, and click the login system button to log in to the system. As shown in below:



Step3: After successfully web login-in, the interface will show below photo



## 4. Face image size requirements

### 4.1 Picture resolution ratio:

Picture JPG format / 480 \* 480 resolution / 72dpi 256kb or less (face proportion and size must match).

### 4.2 Picture resolution setting method:

Select the drawing tool on your computer and drag the picture in. Select the picture adjustment pixel and change it to 480 \* 480.

(PS: Select the photo tool on your computer and drag the picture in. Select the picture adjustment pixel and change it to 480 \* 480.)

## 5. How to add the face database

### 5.1 Create face database:

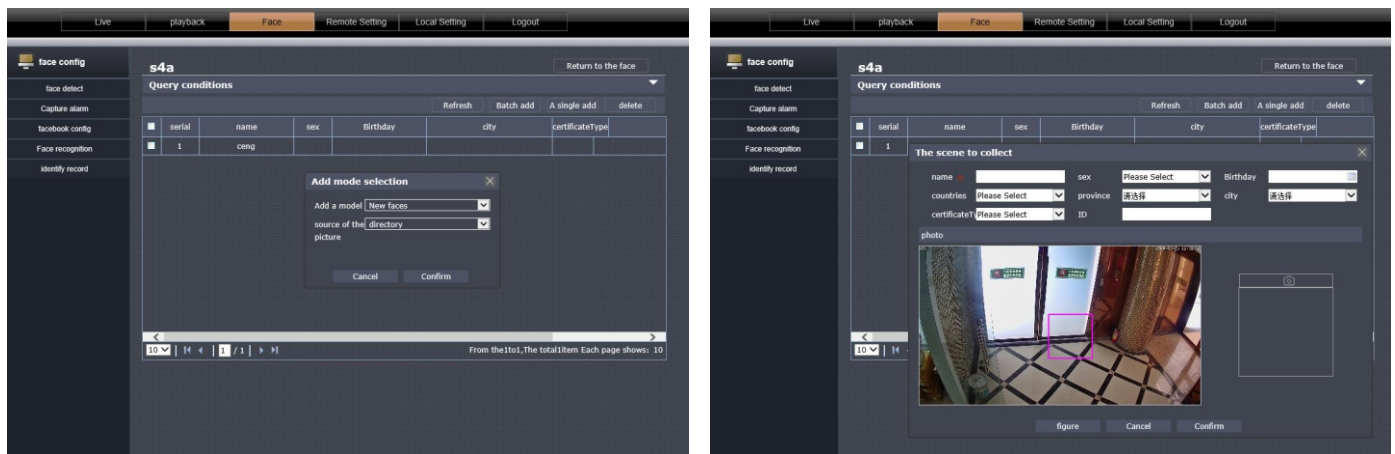
Select "Face Configuration-Face Database Management-Create" to create a white list of face databases or customize a name of a face database;



### 5.2 3 ways to register and add face

#### 5.2.1 Number 1: Add face mode (recommend)

Adding method: Click "Single Add-Add Face-Catalog," select the faces and characters you want to add, and then click OK.

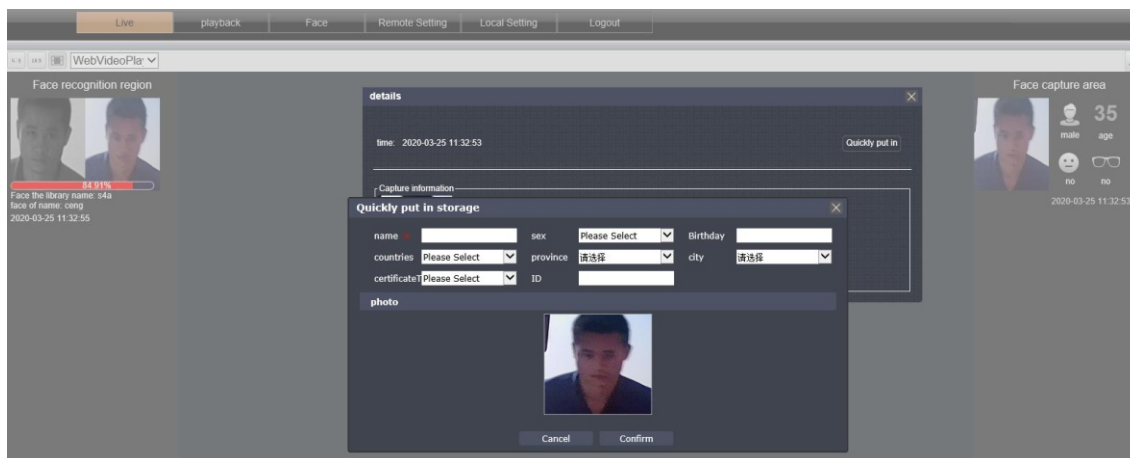


#### 5.2.2 Number 2: Real time capture

Add method: Select "Single Add-Add Face-Live Capture", the person standing in the center of the screen, click the small camera logo on the right to capture, fill in the personal information of the capture person, and click OK.

#### 5.2.3 Number 3: Fast storage/Snap shot

Add method: In the video preview interface, when a person enters the screen to capture the face normally, select the captured face, double-click to enter a quick storage, fill in personal information and click OK.



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