CCTV Monitor Integrated Access Control

CCTV-200

Specifications

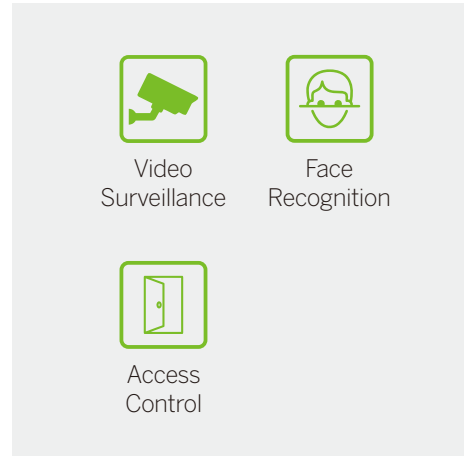|	Model No,	CCTV-200
Product	Motherboard model	RS-H636Q-A0-A 3516CV500 (Support 16G/32G/64G EMMC) RS-H636S-A0-B Sensor Board/IMX327/Expanding Board RS-H636Q-A0-C
System	Main processor	Hass 3516CV500
	Imaging device	1/2.8 S0I IMX327
	Operating system	Embedded LINUX Operating System
Face	Snapshot mode	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 ≥50dB (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 Ω /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)

197mm

95mm

82mm

160mm

85mm

Video Surveillance

Face Recognition

Access Control

Bracket Installation

Camera can be wall mounted and hoisted

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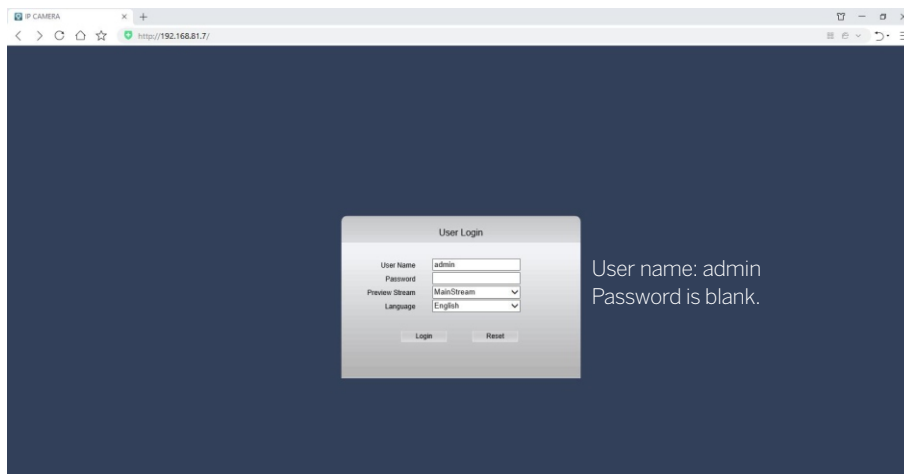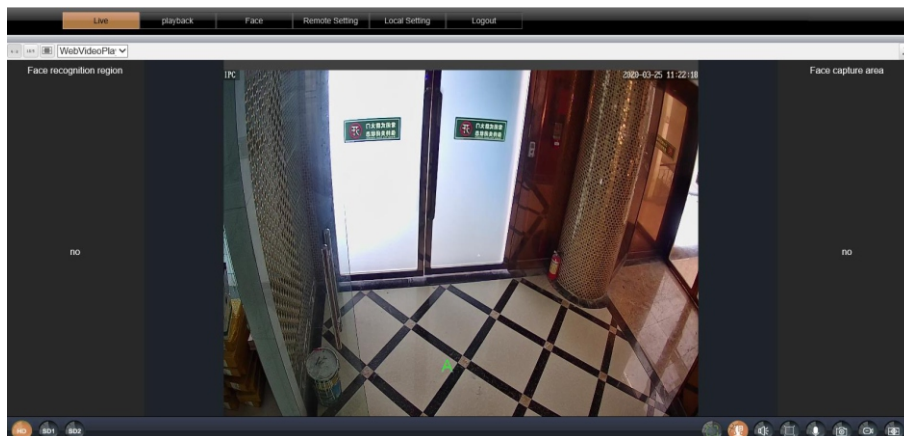**Note**: the IP camera default IP address: 192.168.1.11

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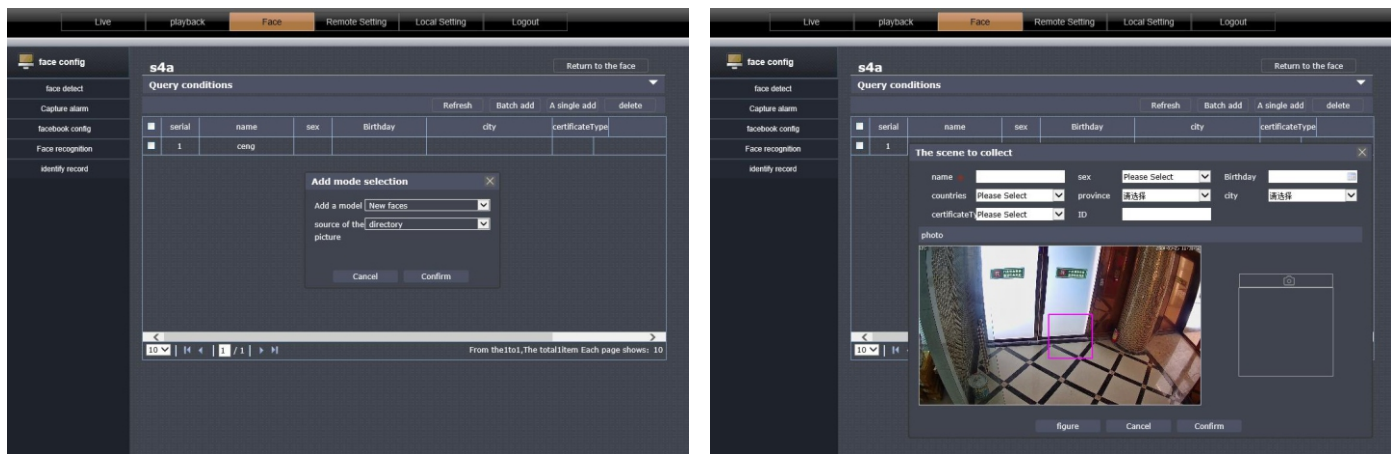Select "Face Configuration-Face Database Management-Create" to create a white list of face databases or customize a name of a face database;

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.
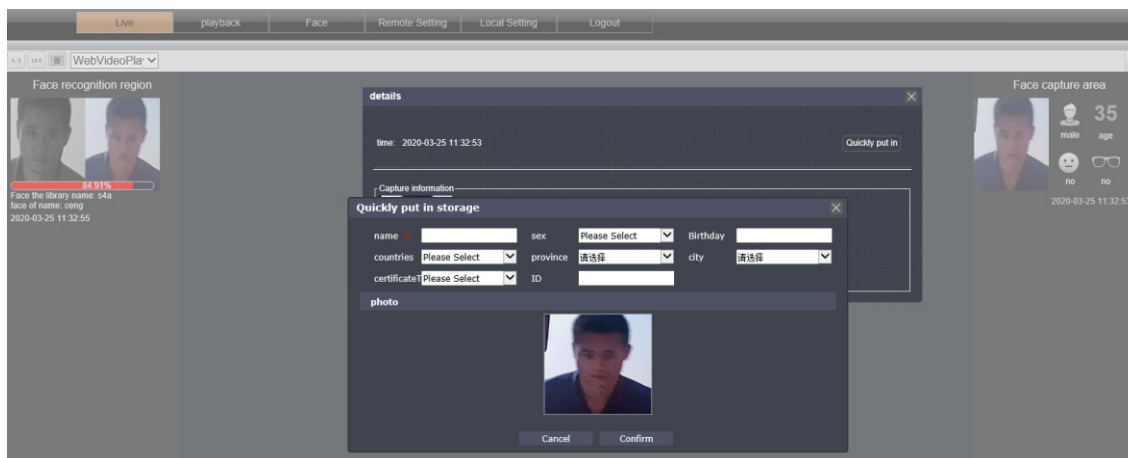

5.2.2 Number 2: Real time capture
Add method: Select "Single Add-Add Face-Live Capture", the person standing in the center of the screen, click the small camera logo on the right to capture, fill in the personal information of the capture person, and click OK.

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.