

NETWORK ACCESS CONTROL WITH TEMPERATURE MEASUREMENT AND FACE RECOGNITION CAMERAS SYSTEM

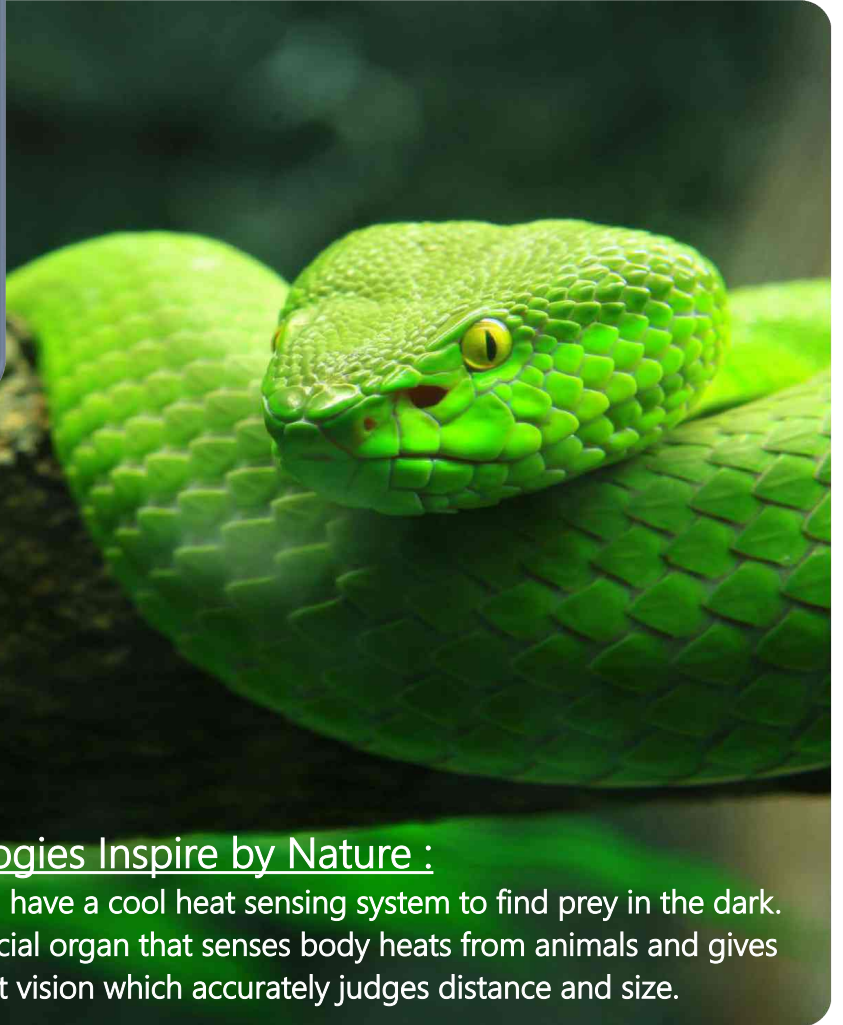


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MASAMITSU
SECURITY TECHNOLOGY OF JAPAN

5" IPS LCD

Forehead Temperature Detection, 2.0 Mega Dual Sony Sensor Camera Face Recognition Terminal



All Technologies Inspire by Nature :

Pit viper snakes have a cool heat sensing system to find prey in the dark. The pit is a special organ that senses body heats from animals and gives an infrared heat vision which accurately judges distance and size.



MSACV4-FFD2005-Px

- 5 inch, IPS LCD screen to provide accurate view from different angles.
- 1/2.8" 2.0 mega SONY starlight CMOS.
- Dual Lens Camera design with 3.6 mm Lens
- Industrial grade design with adjustable Angle, left and right rotation.
- Face capture database up to 10,000 pictures.

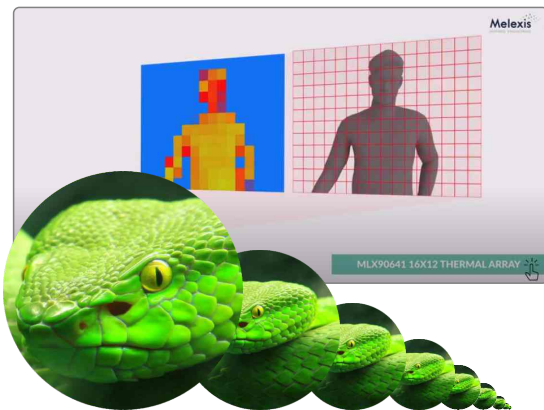
- Complete Solution for Face capture, Face Comparison & Infrared temperature detection.
- Non-contact forehead temperature detection from 25~40cm distance.
- Temperature error range $\pm 0.5^{\circ}\text{C}$.
- Alarm notification for abnormal temperature .
- Widely used in access control channels, wall-mounting attendance and other scenarios.



- Integration of function like face capture, Face comparison, infrared temperature measurement function etc.
- Support the output of real-time video stream to other device, complete face capture, recognition, infrared temperature detection solution.
- Temperature abnormal alarm: non-contact forehead temperature detection within one second, detection distance 25-40cm, temperature error range $\pm 0.5^{\circ}\text{C}$, abnormal temperature linkage acousto-optic alarm.
- Industrial grade design, adjustable Angle , left and right rotation.
- Support living face detection, effective prevention of photos and video spoofing.
- Face database can reach 10,000 pictures , flexible face template import, support single, batch image file import and real-time capture import.
- Support face types of ordinary people, white list people, black list people, etc.
- Support recognize result linkage I/O, wiegand port output, voice broadcast.
- Can be widely used in access control channels, wall-mounting attendance and other scenarios.

High -End Melexis Sensor

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Application :

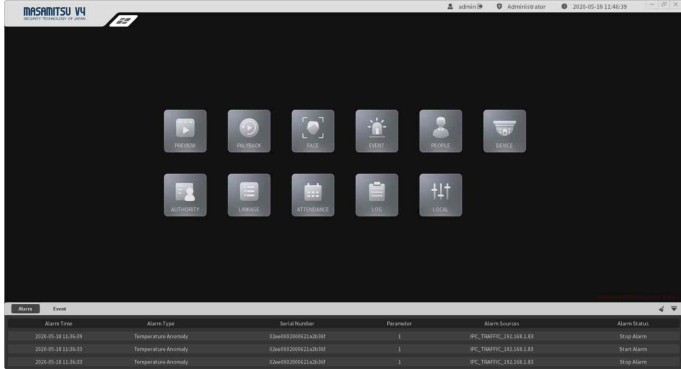
Suitable for permanent staff which requires to do attendance statistics , such as community, apartments, schools, small and medium-sized enterprises, etc. It should be installed to the indoor or outdoor canopy environment



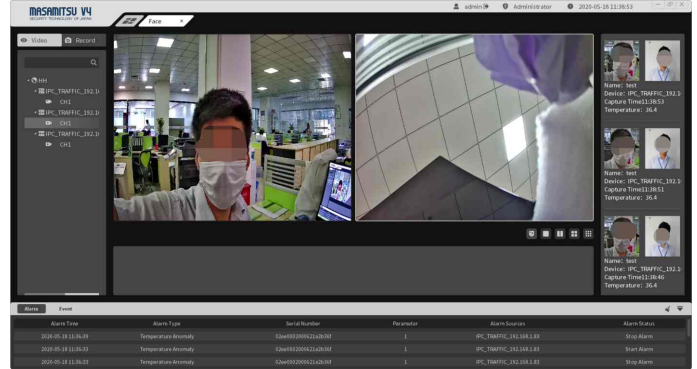
Masamitsu V4 CMS
Easy and Smart Software



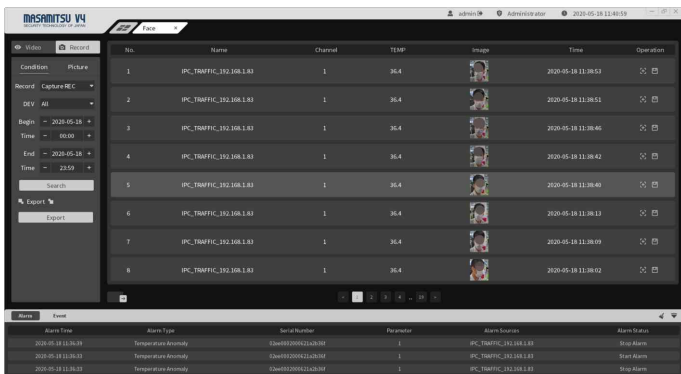
Artificial Intelligence Management Software



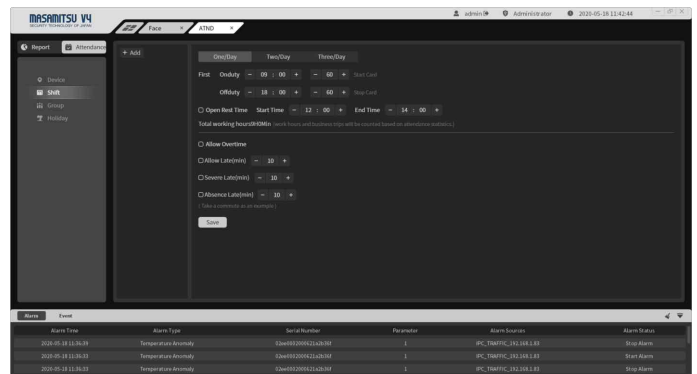
Intelligent Function



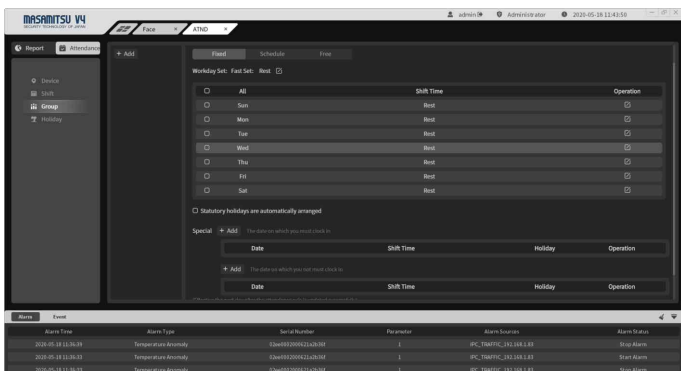
Face Data Preview



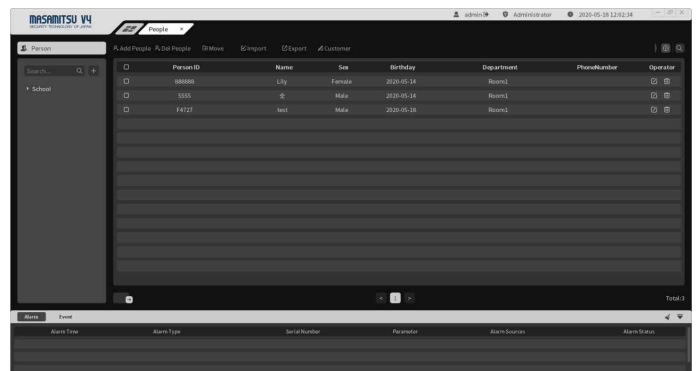
Recognition Data Search



Attendance Managements



Attendance Group Management



Database Managements

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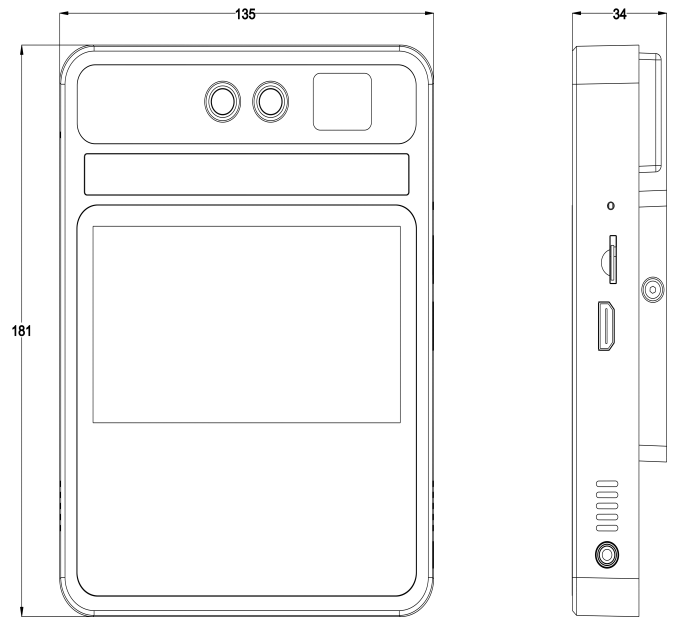
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Product may vary in appearance and specifications. Product available with PoE and Without PoE.

DIMENSIONS



The above mentioned technical drawings are for reference only.

TECHNICAL SPECIFICATIONS

Model Name	MSACV4-FFD2005-Px
Screen	
Dimensions	5 inch, full-angle IPS LCD screen
Resolution	1280(H)X720(V)
Camera	
Type	Dual Camera Design
Sensor	1/2.8" SONY starlight CMOS
Resolution	1080P @ 30fps
Lens	3.6mm * 2
Body Temperature Measurement	
Measuring Site	Forehead
Temperature Range	34~42 °C
Temperature Measuring Distance	25~40 cm
Temperature Measurement Accuracy	± 0.5 °C
Temperature Measurement Accuracy	≤ 1 s
Face Recognition	
Detection Type	Support living face detection, effective prevention of print photos, phone photos and video spoofing
Face Recognition Distance	0.3-1.3m, support detection target size filter adjustment
Recognize Face Size	Pupils distance ≥ 60 pixels; Face pixel ≥ 150 pixels
Face Database Capacity	Support built-in ≤ 10000 faces; support black/white list
Posture	Support side face filter, comparable within 20 deg in vertical and 30 deg in horizontal
Occlusion	Ordinary glasses and short sea retention have no effect on recognition.
Expression	Under normal circumstances, slight expressions do not affect recognition.
Response Speed	≤ 1 s
Face Exposure	Support
Local Storage	Support storage of 100,000 records
Recognition Area	Full image recognition, support zone optional setting
Upload Method	TCP, FTP, HTTP, API function calling upload

Network Functions	
Network Protocol	IPv4, TCP/IP, NTP, FTP, HTTP
Interface Protocol	ONVIF, RTSP
Security Mode	Authorized Username And Password
Event Linkage	TF card storage, FTP upload, alarm output linkage, Wiegand output linkage, voice broadcast
System Upgrade	Support Remote Upgrade
Accessories	
Supplementary Light	IR light, LED white light
Network Module	Support built-in WiFi module optional
Identification Module	Support built-in IC card reader module optional Support built-in ID card reader module optional
Speaker	Support Voice Broadcast After Successful Recognition
Interface	
Network Interface	RJ45 10M/100M Network Adaptation
Alarm Input	1 Input
Alarm Output	1 Output
Rs485 Interface	Support
TF Card Slot	Supports up to 128 GB of local storage
HDMI	Reservation
Wiegand Interface	Support Wiegand 26, 34, 66 protocols
Reset Key	Support
Anti - Disassembly Switch	Support
Environment adaption	
Operating temperature	-10°C~50°C
Humidity	0% ~ 90%
Power Supply	DC 12V
Power Dissipation (Max)	≤ 12 W
Dimension	135mm (W) * 181mm (H) * 34mm (T)
Installation Method	X86 Box Embedded Installation / Desktop Installation / Floor Support Installation



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