

ECX333

Multimodal Face Recognition All-in-One Device

Accurate Identity Recognition and Temperature Measurement

Multimodal face recognition all-in-one device(ECX333), an intelligent access control product, realizes identity authentication, access control and temperature measurement by integrating temperature measurement and bimometric identification technology that covers face,iris and other in-depth facial features. With the multimodal integrated biometric algorithm developed by Eyecool,the device possesses the convenience in facial recognition and preciseness in iris recognition. It has been widely applied in places that have high requirements on security level such as computer rooms, vaults, offices, etc.



Accuracy and Convenience
Sense and recognize facial,
iris and multimodal featur-
-es automatically.



Precise recognition even
with masks and goggles.



Automatic height adapta-
-tion(1.3m-2.0m)



Unified management of
data and device on cloud
platform.



Automatic and intelligent
360-degree light fill-in.



Convenient in-screen card
swiping.



Safe and convenient
non-contact temperature
measurement (accura-
-cy:±0.3°C)



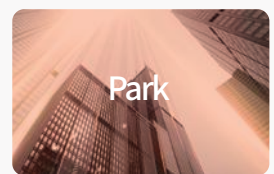
Support the health QR
code which is connected
to the system of National
Health Commission of PRC
seamlessly.

Performance metrics

Screen Screen with a full-view no less than 170 degree	Camera Resolution: 800×1280	Bell Loudspeaker Built-in 2W loudspeaker	Fill-in Light Automatic infrared fill-in
Microphone Used in video call and message leaving	Recognition Distance 40cm-70cm (Full-coverage of iris and face)	Recognition Mode Face, iris and multimodal recognition	Card Reader Support M1 card/China second-generation ID card (optional)
Distance Sensor Automatic activation by sensing movement of human body	Temperature Measurement Mode Height-adaptive automatic rotational temperature measurement		
Temperature Measurement Accuracy ±0.3°C	Working Temperature -35°C~60°C	Communication Mode WIFI TCP/IP	Other Functions Heath QR code available

Application scenarios

The device supports M1 card and China second-generation ID card in-screen swiping, which is applicable to the access control in the places that have high requirements on security level.



Certificates

Second Prize of National Technology Invention Award 	Second Place of Face and Iris Recognition Algorithm Competition 	More than 400 patents 100 national industry standards 80% financial customer coverage 
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