

ECX101

Multimodal Integrated Face Recognition Device

Accurate Recognition · User Friendly

Multimodal integrated face recognition device (ECX101) is a biometric terminal which can realize face, iris and other facial features acquisition and identity authentication. With the Eyecool self-developed multimodal integrated biometric algorithm, the device can auto-adjust angle in line with user's height to realize auto capture of face, iris and other facial features, bringing both convenience in facial recognition and preciseness in iris recognition to users. The device can be widely used in on-site image acquisition and identity authentication scenario.



Accuracy and Convenience
Sense and recognize facial, iris and multimodal features automatically.



Independent Learning
Auto-capture multimodal information
Integrated features registration and recognition.



Automatic height adaptation
(1.4m-1.9m).



Comparison in Various Ways
Support comparison in local , comparison on cloud and multimodal comparison.



Flexible usage and deployment.



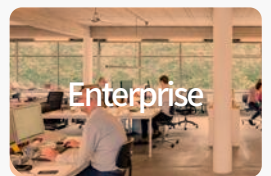
Intelligent Prompts
Tri-color indicator light and voice prompt
User friendly

Performance metrics

Dual-Camera Color Camera: Up to 3 million wide dynamic module Infrared Camera: 2M and above resolution	Operation System Win XP and above, Android 5.0 and above and LINUX.	Recognition Mode Iris / Facial recognition multimodal integrated feature recognition
Indicator Light Lights in red, green and blue	Interface USB3.0 USB 2.0	Voice Prompt Automatic voice prompt according to the recognition distance
Liveness Detection Integrated multimodal liveness detection	Device Size 90.6×48.4×45.5mm	Height Coverage 140cm ~ 190cm set in 170cm and adapted accordingly
Recognition Type Recognition in local Recognition on private cloud Recognition on public cloud	Recognition Distance 40cm ~ 70cm measuring distance during facial and iris recognition	
		Users Capacity over 1,000,000
		Temperature Range -35° ~ 60°

Application Scenarios

The device can be used independently with a frame or embedded as a module, which can be installed easily and deployed flexibly. The device can satisfy user's requirements in various scenarios such as desktop, office, identity authentication on self-service terminal,etc.



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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