ECF111

Dual-Camera Intelligent Facial Tracking and Recognition Device

Accurate and Convenient

Dual-camera intelligent facial tracking and recognition device (ECF111) integrates video image acquisition and detection. With the Eyecool core face algorithm of proprietary intellectual property rights, the device can auto-adjust the angle in line with user's height for intelligent facial information capture. Video and image acquisition of both near-infrared and visible light cameras can be achieved accurately under various light conditons.

Accuracy and Convenience
Integrates face detection and comparison. Auto-identify target.

Automatic height adaptation (1.3m-2m).

Intelligent Prompts
Smooth operation benefits from tri-color indicator light and voice prompt.

Easy to Integrate
Compact size and standard interface allow easy integration on kinds of terminals.

Performance Index

Specification	Scan Mode	Image Plate	Effective Pixel
Infrared Camera Visible Light Camera	Progressive scan Progressive scan	1/2.7" CMOS 1/3" CMOS	1920×1080 2048×1536

Height Coverage	Interface	Power Supply	Recognition Distance
1.3～2m	Type-C USB2.0	5V±5%	40～120cm

Infrared Spectrum	Image Adjustment	Stable Operating Temperature	Operation System
850nm	Automatic white balance exposure face focusing	-30～70 ℃	Windows linux Android

Application Scenarios

The device can be used independently or integrated into ATM, CRS, TCR, STM, ITM, queuing machine, information machine, bank counter service machine, face-scanning payment, etc.

Applied Independently

Applied in Self-service Equipment

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

eyecool 眼神科技