

EF-45™

NEXT GENERATION
IRIS RECOGNITION SYSTEM



'Deep learning' type
face algorithm



Auto Tilt



Dual Iris

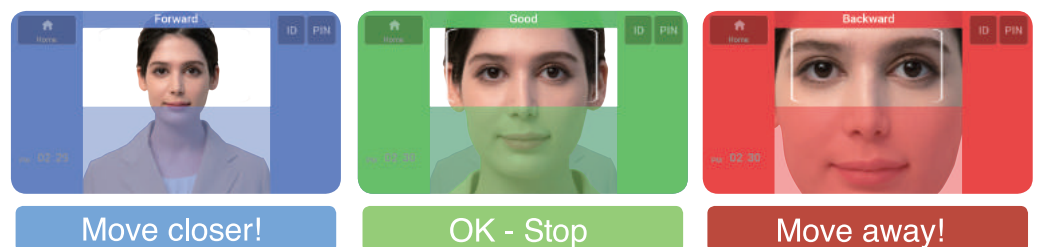


Lan-Wifi
RS-485/ 232

KEY FEATURES

- Face display for positioning with proprietary “deep learning” face detection
- Face display user interface-like a smart phone “selfie”
- Contactless and hands-free with automatic subject finding
- Auto-tilt for automatic height adjustment
- Simultaneous dual iris and face image capture
- Optional face recognition
- Optimized for access control with RF card reader and PIN options
- On-board data base of 10,000 subjects, with option to 40,000
- Ethernet (LAN) and USB host connection options
- Wiegand, RS-485/232, TTL and Relay local connections
- High level SDK in C#/.NET and C++
- Automated face detection with Facial Coverings including surgical masks, clean room garments, and female facial veils.

INTUITIVE USER EXPERIENCE



Specifications

Dimensions (WxHxD)	166 x 166 x 43 mm
Weight (without wall plate)	630g
Iris image capture operating range	35 ~ 45 cm in Enrollment mode / 30 to 45cm in Recognition mode *(optical)*
Iris imaging specification	Meets ISO 19794-6 2011 standards of 4.0lp/mm at 60% contrast
User height range	40 cm (+25° / -20° tilt)
Language support	Multiple language now supported in screen display and vocal commands (contact CMITech for details)
Touch screen LCD	Nominal 5.0 inch TFT (480 x 854 pixels)
Operating temperature range	0° to 45° C
Operating humidity range	Up to 95% non-condensing
Face image capture and recognition	Standard face Image capture
Host communications	Ethernet (TCP/IP) and USB to local PC host supported
Other communications	Wiegand (I/O), RS-485/232, TTL Input, Relay
WiFi support	Yes, with TP-Link internal adapter
SDK options	C#/.NET and C++ for Windows
RF card reader	MiFare / DesFire protocols are standard in AC configuration are standard on Access Control configuration