RCFT08MP - Portable Facial Recognition Terminal with Biometric Fingerprint & Mifare Card Reader

RCFT08M

Facial Recognition Terminal with Biometric & RFID Reader

- ☐ Adopts deep learning algorithm to recognise facial features more accurately and fast.

- ☐ Supports multiple authentication modes (face recognition, biometric fingerprint and RFID card).

- ☐ 5-inch LCD touch screen for display of terminal status and menu operation for configuration.

- ☐ Optical CMOS fingerprint module. The characters of fingerprint can be exported to other readers.

- ☐ Maximum storage of 20000 face images and 5000 fingerprints.

- ☐ One of the fastest and accurate facial recognition engine of <1s per person with 99% accuracy.

- ☐ Expansion port for one external card reader via RS-485 or Wiegand communication.

- ☐ Connection to external controller via Wiegand communication.

- ☐ Accurate data and time display provided by built-in electronic clock and watchdog program.

- ☐ Tamper-proof function.

- ☐ WiFi Connectivity for wireless operation.

Technical Specification

Operating System	Secure Embedded Linux
Face Image Capacity	20000
Fingerprint Capacity	5000
Card Capacity	5000
Card Reader Module	Mifare
User Interface	5-inch LCD Touch Screen (480 x 800)
Camera	2MP, WDR, Wide Angle
Face Capture	< 1s/ person
Capture Accuracy	> 99%, distance 0.3 to 1m
Communication	10/100Base-T / IEEE802.11ab (WiFi)
Event Log Capacity	100,000
Interface	RS-485 x 1, Wiegand x 1, USB x 1, Lock x 1, Doorbell x 1, Exit Button x 1, Tamper x 1, Alarm In x 2 / Out x 1, Door Lock x 1
Installation	suitable for both indoor & outdoor
Power Requirements	12 Vdc, 16W
Working Condition	-20°C ~ 50°C; 10% ~ 90% (non-condensing)
Dimensions (WxHxD)	290 x 116.5 x 33 mm

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