BLACK COPPER
Upgrades network

BC-K40

Fingerprint Time Attendance Terminal

With Battery Backup

Features

- 2.4-inch LCD screen to display time, date, week, and attendance information

- Remotely adds fingerprints to the system

- TCP/IP communication

- 1:N mode accurate and fast fingerprint recognition (recognition duration < 1 s)

- Max. 1000 users, Max. 1000 fingerprints, and Max. 100,000 events records

- Stand-alone operation (supports adding persons, cards, and fingerprints locally)

- Downloads attendance reports by USB flash drive

- Up to 32 normal shifts, 32 man-hour shifts, and 32 attendance holiday schedules can be configured

- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out

- Generates reports automatically

- Supports multiple languages: English, Vietnamese, Brazilian Portuguese, Spanish, French, Italian, Arabic, and Thai

- EHome address settings on device

- With Battery Backup

Specification

Communication Interface	TCP/IP, EHome
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Power Supply	5 VDC/1 A (with adapter)
Audio	1 buzzer and 1 loudspeaker
LCD Screen	2.4-inch LCD display screen
Fingerprint Capacity	1000 fingerprints
Storage	1000 users, 1000 valid cards, 100,000 records, 50,000 attendance tables
Card Reading Mode	EM card (supports metal,environment)/M1 card (supports metal,environment)
Operating System	Linux
Fingerprint Authentication Duration	1:N < 1 s (Max. 1000 fingerprints)
FAR(False Accept Rate)	0.001%
FRR (False Rejection Rate)	0.1%
Fingerprint Recognizer	Optical fingerprint recognizer module
Card Reading Distance	0 to 3.5 cm/0 to 5 cm
Keyboard	Physical keys (no back light)
Transmission Rate	TCP/IP: 10/100 Mbps self-adaptive
USB	USB 2.0
Battery Backup	Yes