

DS-K1A8503 Series Fingerprint Time Attendance Terminal



Available Models

- DS-K1A8503F-B (Fingerprint, Lithium Battery)
- DS-K1A8503EF-B (EM Card, Fingerprint, Lithium Battery)
- DS-K1A8503MF-B (M1 Card, Fingerprint, Lithium Battery)

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



Specifications

| Model | DS-K1A8503F-B | DS-K1A8503EF-B | DS-K1A8503MF-B |
|----------------------------------|---|---|--------------------------------------|
| Storage | 1000 users, 100,000 records | 1000 users, 1000 valid cards, 100,000 records | |
| Operation system | Linux | | |
| Fingerprint capacity | 1000 fingerprints | | |
| Fingerprint recognition | FAR: 0.001% FRR: 0.1% | | |
| Fingerprint recognition duration | 1:N < 1 s (Max. 1000 fingerprints) | | |
| Fingerprint recognizer | Optical fingerprint recognizer module | | |
| Card reading mode | / | EM card (supports metal environment) | M1 card (supports metal environment) |
| Card reading distance | / | 0 to 3.5 cm | 0 to 5 cm |
| Communication | TCP/IP, EHome | | |
| Transmission rate | TCP/IP: 10/100 Mbps self-adaptive | | |
| USB interface | USB 2.0 | | |
| LCD screen | 2.4-inch LCD display screen | | |
| Keypad | Physical keys (No back light) | | |
| Audio | 1 buzzer, 1 loudspeaker | | |
| Power supply | 5 VDC/1 A (with adapter) | | |
| Working temperature | -10 °C to 55 °C (14 °F to 131 °F) | | |
| Working humidity | 10% to 90% (No condensing) | | |
| Application situation | Indoor | | |
| Lithium battery | 2000 mAh, Max. 2h | | |
| Dimension (W × H × D) | 140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18") | | |
| Color | White | | |
| Installation | Wall mounting (with gang box or without gang box) | | |

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