

High Security Biometric Finger Print Reader



WAB-P-FCKS
Biometric Finger Print Reader with
built-in proximity reader and keypad



WAB-FCKS. This unit has a keypad, proximity card reader and a built in and fingerprint sensor. This will allow the user to have options to key in an access code, swipe a card and/or use a fingerprint scan.

It can also be used as a standalone reader and controller for a single door or access control solutions, and can replace existing readers to offer additional functions to an existing access control system..

WAB-FCKS can be used as a time and attendance feature as well. It will calculate time in and out, early/late allowance, overtime through the internal software.

WAB-FCKS also has input/output capabilities for the use for sirens or sensors and also has an option to power an electric strike as well. The fingerprint enrollment is made easy when connected to WatchNET Access control software through the standard card enrollment screen in the software.

Applications

- Time and Attendance
- Fingerprint verification for sensitive locations

Access Door Controllers

- Communicates with HID, AWID and EM formats as well
- Input/output options will making it easier for users to automate lighting, sirens, garage doors and other building systems



Features

- TFT Color display
- Standard 26/34 Bits Wiegand output format, which can be compatible with any kind of Access Controller
- Dustproof, suitable for any installation site
- Fast response, anti-interference, low power consumption and good stability
- WDT watchdog, having a power-on self-test function
- Fast fingerprint matching speed, 3,000 fingerprints within one second
- Multithreaded code designed to take advantage of multi-core CPU
- 500dpi optical fingerprint sensor, anti-scratch
- The world's leading fingerprint algorithm, refusing false fingerprints
- Background image and company logo can be displayed
- Display: card number, name, employee number

Specifications

- CPU: 400MHz DSP
- Memory: 4MB Flash memory +8 MB RAM
- Fingerprint storage capacity: 2000 Internal (Can be expandable to 8000)
- Card capacity: 3000 PCS
- FRR / FAR - 0.001% / 0.001%
- Supported Card types:
E: Proximity EM4100 Series
- Fingerprint Sensor: 500 dpi optical sensor
- Authentication modes: fingerprint, proximity card, proximity card + fingerprint, ID + fingerprint etc.
- Communication Interface:
Wiegand output, TCP /IP
- Voltage: 12VDC
- Current: $\leq 200\text{mA}$
- Standby Current: $\leq 150\text{mA}$
- Working Temperature: -20°C to 65°C / -4°F to 149°F
- Working Humidity: 0 - 95%
- Dimension: 197mm L x 88mm W x 35mm
7.75" L x 3.46" W x 1.37"
- Weight: 490g / 1.08lb

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Rev July 26, 2022

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