

## High Security Biometric Finger Print Reader



**WAB-P-FCRS / WAB-U-FCRS**  
Biometric Finger Print Reader (Narrow)  
P: Proximity; U: CPU & Mifare Sector

### Features

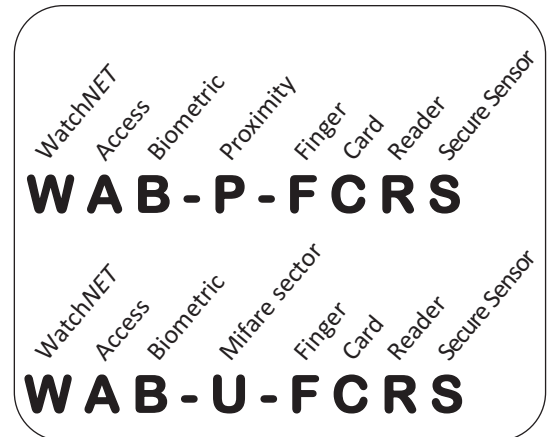
- P: Wiegand output format following the card  
U: Standard WG26/34 bits output which can be compatible with any kind of Access Controller
- Dustproof, waterproof features, suitable for any installation site
- Fast response, anti-interference, low power consumption and good stability
- WDT watchdog, having a power-on self-test function
- Fast fingerprint matching speed, 480 fingerprints within one second
- Multi-threaded code designed to take advantage of multi-core CPU
- 500dpi optical fingerprint sensor, anti scratch
- The world's leading fingerprint algorithm, refusing false fingerprints
- POE (Power Over Ethernet)
- Blue / Green light to show Valid or Invalid
- Production under ISO: 9001 standard system, high quality
- It can be connected to a door controller or work as a standalone unit

### Specification

CPU	ARM, 32 Bits, Cortex-M4, 400MHz DSP
Memory	16MB Flash memory +4 MB RAM
Fingerprint capacity	480 PCS, (Identify fake FP)
Support Card types	<b>P:</b> Biometric fingerprint reader, proximity, multi-technology reader Supports proximity, plus certain HID 125Khz and AWID 125Khz <b>U:</b> Biometric fingerprint reader, supports CPU and Mifare technology (Smartcard)
Fingerprint Sensor	500 dpi optical sensor
Authentication modes	FingerPrint Only FingerPrint or Card FingerPrint + Card
Communication Interface	Wiegand output, TCP / IP
Relay Output	1 (NC, NO, COM)
Reader Output	1 (Wiegand Output)
Reader Input	1 (For IN/OUT Readers)
FAR/FRR specs	-0.001% / +0.001%
Voltage	POE+ / 12VDC
Operating Current	≤200mA
Standby Current	≤150mA
Working Temperature	-20°C to 65°C
Working Humidity	0~95%
Dimension	135mm L x 58mm W x 45mm
Weight	400g

### Application

- Office building access control & time and attendance
- IBS buildings, financial institutions, research institutes etc., where need network security system
- Enterprise or factories attendance, salary, personnel management
- Attendance management in schools and dormitories
- A variety of service-oriented business and chain stores customer credit management
- Part-time or temporary workers and other personnel management



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**CANADA:**  
351 Ferrier Street, Unit 5  
Markham, ON L3R 5Z2  
Toll Free: 1-866-843-6865  
Tel: 416-410-6865  
Fax: 1-866-331-3341

**USA:**  
171 Cooper Ave. Suite 110  
Tonawanda, NY 14150 USA  
Toll Free: 1-855-404-3193  
Local: 1-716-877-7277  
Fax: 1-866-331-3341

**INDIA:**  
RZ- 2, Ground Floor  
Kapashera  
Opp Kapashera Police Station  
New Delhi-110037  
Tel/Fax: +91 11 25060481

**UAE:**  
PO Box 126312  
No 703, Oxford Towers  
Business Bay  
Dubai, UAE  
Tel: +971 4 2767117

