

# Biometric FingerPrint Reader (Narrow)

## Model: FPC1001-P/U



### FPC1001-P/U

(Biometric FingerPrint Reader)  
P: Proximity; U: CPU& Mifare

#### 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,
- 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,
- POE, Power Over Ethernet
- Blue / Green light to show Valid or Invalid
- Production under ISO: 9001 standard system, high quality.

#### 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.

#### Specification:

- CPU: ARM, 32 Bits, Cortex-M4, 400MHz DSP
- Memory: 16MB Flash memory +4 MB RAM,
- Fingerprint capacity: 1,000 PCS, unlimited user identified by PC (Software feature)
- Support Card types:  
P: Proximity, Auid, EM, HID, Keyking, 125KHz  
U: S50, Mifare Card, 13.56MHz, KK1208M1
- Fingerprint Sensor: 500 dpi optical sensor
- Authentication modes:
  - FingerPrint Only
  - FingerPrint or Card
  - FingerPrint + Card
- Communication Interface: Wiegand output, TCP/IP,
- Voltage: 12VDC
- Operating Current:  $\leq 200\text{mA}$
- Standby Current:  $\leq 150\text{mA}$
- Working Temperature:  $-20^{\circ}\text{C}$  to  $65^{\circ}\text{C}$
- Working Humidity: 0--95%
- Dimension: 135mm L x 58mm W x 45mm
- Weight: 490g

