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Highlights

LFD Feature

16 x 24 mm area

500 DPI

The **MFR500** device combines live fingerprint scanner and a ISO7816 smartcard reader into one device.

The smart card reader in MFR500 can handle any ISO7816 compatible smart card. So that it can also be used as a standalone smart card reader. And fingerprint scanner and smart card reader can be combined to do two-factor authentication. That is, registered fingerprint is can be stored on smart card (carried by user) which is read into PC to match with a freshly captured fingerprint from fingerprint scanner at the time of authentication. This can be achieved by using Fingerprint Recognition Software Development Kit (SDK).

This device supports PC Login software single PC or multiple PC environment. Also we can make central repository based on active directory to login to any PC anytime.

Features

- Smartcard + Fingerprint Sensor
- Live Fingerprint Detection (LFD) feature
- Bigger scanning window results to better matching
- Small Size and Light weight

Specifications

- USB2.0 compatible interface
- 2M standard USB cable
- Small Size 50x73x35 mm

- Light weight : 160 gm
- Fingerprint scanning window is 16 x 24 mm
- Image resolution is 480 x 320 pixels
- 500 DPI resolution
- Raw Fingerprint Image of 150K Byte
- Smartcard reader compliance with ISO7816 and EMV2000
- High speed Smartcard interface, up to 119 kbps if it is supported by card
- Supports 5V, 3V and 1.8V smartcards
- Supply 6mA to smartcard
- Detect smartcard automatically
- 8 pin handling (C4/C8 supported)
- Secure Pin Entry (SPE)
- Two colors LED for smartcard reader
- Status indication