

# INTUS 800FP

- + Comfortable access control with higher-levelled manipulation protection
- + For verification against card (Mifare, Legic) or identification (1:n)
- + Robust sensor with 300 x 400 pixels resolution
- + Certified according to FBI PIV and FBI Mobile ID FAP20
- + Housing with numeric block and optional RFID reader



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## Technical Data

### INTUS 800FP Fingerprint Reader

For the access control, RFID identity cards are predominantly used. The disadvantages: Cards can be passed on easily and thus offer little protection against misuse. If an employee forgets the card, the data must be rebooked, which is associated with additional costs.

The INTUS 800FP fingerprint reader protects you from fraud and inadvertency. By placing a finger on, the employee gets access – fool proof, always at hand and safe from simple manipulation.

#### Verification

When using the mode „verification“, the validity of a card is checked by comparing the fingerprint data (templates) stored on the card with the data collected by the fingerprint reader.

#### Identification

Identification eliminates the card. The scanned fingerprint is directly compared with all fingerprint data stored in the reader.

#### High security with fingerprint and PIN and card

The fingerprint reader alone is not enough in some cases. About two percent of the population has no pronounced finger grooves sufficient for fingerprint sensors. For these employees, the INTUS 800FP is additionally equipped with a PIN keyboard and optionally with an RFID reader.

If the reader is used for access in critical areas, the simultaneous use of fingerprint with a PIN or additionally with an RFID card is mandatory. The INTUS 800FP offers you the choice of which combination you want to use for multifactor authentication.

### INTUS 800 Reader

- Multifunction display MagicEye
- Keyboard with PIN code
- Host interface RS485
- Protocol: LBus
- Vandalism contact, piezo buzzer
- Power supply 12–24V DC (SELV, L.P.S.)

### Fingerprint sensor

- Optical sensor with 300 x 400 pixel (500dpi)
- Sun light up to 100,000 Lux
- Improved living finger recognition LFD
- Ergonomic fingerprint sensor

### Verification mode

- Verification against templates on the RFID card. Requirements: RFID cards must be initialized for INTUS 800FP with minimum 560 bytes free memory

### Identification mode

- Identification against templates in the terminal for up to 5,000 employees (2 fingers each) or 10,000 employees (1 finger each)

### Dimensions, weight

- Dimensions (H x W x D): 200 x 102 x 41(61) mm
- Weight: 0.5 kg

### Environment

- Operating temperature: 0°C up +40°C with opt. heating: -25°C up +50°C
- Storage temperature: -25°C up +50°C
- Degree of protection IP54 (opt. IP65)

### Standards: CE

Technical specifications subject to change without notice..

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