

IDENTIFICATION

# MORPHOACCESS® J SERIES

FINGERPRINT ACCESS CONTROL TERMINALS

ELEGANT DESIGN AND HIGH SECURITY IN A SMALL PACKAGE



Intuitive and easy-to-install

Standalone or networked

Multiple interfaces including POE on RJ45 and Wi-Fi (option)

MIFARE® and secure DESFire® contactless smartcard reader

IP 65 rated for outdoor use

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## FINGERPRINT ACCESS CONTROL TERMINALS

### ELEGANT DESIGN AND HIGH SECURITY IN A SMALL PACKAGE



#### Technical characteristics

##### Processor

2 ARM9

##### Biometric Sensor

Optical Sensor: 14x22 mm, 500 dpi, 256 grey levels

##### Contactless Card Reader (J-Dual)

MIFARE® (1K, 4K) and DESFire® (2K, 4K, 8K)

##### Database

500 users (\*2 templates) or 3,000 users (\*2 templates) with license

##### Biometric Performances

0.6s in 1:1 authentication (J-Dual) ; 0.8s in 1:500 identification

FAR adjustable from  $10^{-2}$  down to  $10^{-8}$

MMI: Multi-color LED, Multi-tone Buzzer

##### Operating Modes

Standalone, Proxy or Networked

##### Interfaces

Customizable Wiegand, Clock & Data, RS485, Relay, Ethernet 10/100 Base T, Wi-Fi in option

#### Security

SSL on TCP/IP network, WEP and WPA encryptions

Secure screws, anti-tamper & anti-pulling switches

#### Power Supply

External 9V to 16V (250mA typical @12V) or Power Over Ethernet

#### Physical Characteristics

WxHxD = 80x127x61.5mm (3.15"x5.0"x2.4")

Weight = 193g

#### Operating Conditions

Temperature: -10°C to +50°C (14°F to 122°F)

Humidity: 10% to 80%

IP 65 (once wall-mounted)

#### Certifications

CE, CB, FCC, RoHS, REACH

#### PC Software Applications

MorphoAccess® Enrollment & Management System (MEMS)

Morpho Integrator's Kit (MIK)

The MorphoAccess® J Series fingerprint identification terminals are easy-to-implement access control devices. Combining stylish design and reliability, they bring the security of biometrics to any kind of installation, in prestige premises (corporate offices, buildings etc...) or outdoor environments.

#### Numerous features in a compact design

- **Stylish, compact and ergonomic design** with high quality finishing
- **Easy installation:** adapted to standard electric boxes, POE powered and configurable by USB flash drive
- **Multiple interfaces:** compatible with most current or legacy access control systems for standalone or networked operating modes
- **Powerful capabilities:** Morpho's state-of-the-art optical sensor and biometric algorithms
- **Unrivalled levels of security:** configurable (down to  $10^{-8}$ ) and steady FAR, secure DESFire® technology, SSL on TCP/IP, WEP & WPA, anti-tamper hardware
- **Robustness:** suitable for outdoor environment (IP 65 rated)

#### Two models



##### • MorphoAccess® J-Bio

to be used for one-to-many fingerprint identification with a database of 500 users (2 templates each), upgradable to 3000 users.



##### • MorphoAccess® J-Dual

to be used either for one-to-many identification or one-to-one authentication, by combining fingerprint biometrics with MIFARE®/DESFire® contactless smartcard technologies.

#### MorphoTrak

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