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

SAFRAN
Morpho

MORPHOACCESS® J SERIES

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.

SAFRAN
Morpho