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 Wireless Ethernet (option)

- MIFARE® and secure DESFire® contactless smartcard reader

- IP65 rated for outdoor use

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MorphoAccess® *J Series*

Fingerprint Access Control Terminals
Elegant design and high security in a small package

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.

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.

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, WPA, anti-tamper hardware
- **Robustness:** suitable for outdoor environment (IP65 rated)

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 wired, on RJ45 or Wireless (option)
Security	SSL on TCP/IP network, Wireless Protected Access (WPA) 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 (31.5"x50"x24") ; Weight = 193g
Operating Conditions	Temperature: -10°C to +50°C (14°F to 122°F) ; Humidity: 10% to 80% IP65 (once wall-mounted)
Certifications	CE, CB, FCC, RoHS, REACh
PC Software Applications	MorphoAccess® Enrolment & Management System (MEMS) Morpho Integrator's Kit (MIK)

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