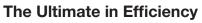
Software House

From Tyco Security Products

Morpho*Wave®* Tower Biometric Access Control Reader

Features That Make a Difference:

- 40K onboard user capacity (320K templates)
- Support for 1:N fingerprint identification
- Acquisition is dynamic, high-speed and 100% touchless
- Dual channel optical system to capture the largest biometric area
- Immune to finger pressure variations
- No ghost images (latent prints) left on scanner
- Mitigates hygiene and cultural concerns
- Robust against external light and dust
- Designed and manufactured in-house by Safran Identity & Security



As enterprises continue to move towards efficiency, frictionless access to controlled areas is paramount. Users need to be able to gain access naturally, without having to break gait. Morpho*Wave*® Tower is the world's first biometric access solution capturing and matching four fingerprints with a single hand movement. It implements a patented, truly contactless technology that not only acquires extremely accurate fingerprint data, but also overcomes the challenges wet/dry fingers and latent prints pose to conventional scanning systems.

Intuitive, Flexible User Interface

Developed around the look and feel of today's most intuitive consumer electronics, the Morpho*Wave®* Tower is designed for fast user adoption:

- 5" WVGA color touch-screen highlighting sophisticated graphic user interface
- Seamless on device administration
- Extensive customization capabilities using your own content (corporate video, audio messages, wallpapers, etc.)
- Time & Attendance features including programmable function keys, real-time employee notifications, and job code management

Patented Touchless Sensor

The dynamic, patented touchless sensor provided by Morpho*Wave®* Tower allows users to remain 'on the move' when passing through a control point, making it ideal for securing high traffic areas.

- Four finger 'on the fly' capture
- Easily copes with dry and wet fingers
- No ghost images left on scanner
 - Mitigates hygiene concerns
 - Robust against external light and dust
- FBI PIV IQS certified

Integration with Access Control

Safran Security & Identity provides an access control integration middleware called BioBridge. BioBridge is an enrollment and synchronization middleware that overlays enrollment and demographic synchronization between MorphoManager and C•CURE 9000. BioBridge is compatible with the new MorphoWave® Tower.

SOFTWARE HOUSE From Tyco Security Products

Specifications

General
Models
CPUARM [®] Cortex™ - A9 core 1GHz
Operating System Linux
Display
Audio
Video
Sensor
fingerprint sensor
contactless reader
Card OptionsProx [®] , iCLASS [®] , MIFARE [®] , MIFARE [®] Plus,
DESFire®, NFC
Network/CommunicationEthernet, RS-485, RS-422
Internal Storage Capacity1:N identification capability: 1:40,000 users in
database; 320,000 templates
Log Storage Capacity 1 million transactions
Inputs/Outputs
door relay, 2 General Purpose Inputs, 2 General
Purpose Outputs

Enclosure

Dimensions (HxWxD)17 x 113	x 31 cm (6.75 x 44.5 x 12 in)
Weight	8 lbs)

Electrical

Power Supply 100 – 240V (50 – 60 Hz)

Environmental

Operating Conditions. Indoor use; 10° C to 35° C (50° F to 95° F)

Regulatory

Agency Certifications.....CE, FCC, ETL Compliance.....RoHS, REACH, WEEE

Model Numbers	Description
MOR-520200001006	MorphoWave Tower, 1:10K users, Wiegand I/O and door relay, stainless steel
MOR-520200001005	MorphoWave Tower, 1:10K users, Wiegand I/O and door relay, black
MOR-ME2044000BA	MorphoManager Pro - MorphoWave desktop enrollment scanner

Related Products





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