You are the key.

IDEMIA

IDEMIA MorphoWave SP biometric reader: contactless 3D fingerprints, MIFARE / DESFire, 10,000 users

SCAP part number: BIO-MORPHOWAVE_SP_



IDEMIA MorphoWave SP biometric terminal: the user waves a hand over the sensor without touching it, and four fingerprints are read and verified in under one second. MIFARE / DESFire version, with coloured LED indicators.

Key features

- Contactless fingerprints: left or right hand, any direction, wet, dry or damaged fingers
- 4 fingers read and verified in under one second, up to 10,000 users
- Built-in badge reader, printed QR code for visitors
- OSDP, Wiegand up to 512 bits, door relay
- 12 to 24 V or PoE+ power supply

Applications

- High-traffic entrances: head offices, industrial sites
- Turnstiles, gates and pedestals
- Places where people prefer not to touch the reader



Technical specifications

Manufacturer	IDEMIA (formerly Morpho)
Range	MorphoWave
Biometrics	Contactless 3D fingerprints, 4 fingers
Capacity	10,000 users (2 × 4 fingers) in 1:N identification; 250,000 IDs in the authorised user list; 1 million events
Badges	MIFARE / DESFire version (13.56 MHz); biometric data can be stored on the badge
Other credentials	QR code printed on paper
Display	Coloured LED indicators
Network / communication	Ethernet, RS485, RS422; optional Wi-Fi
Interfaces	Wiegand in and out (up to 512 bits), OSDP, door relay, 3 inputs (including door monitoring), 3 outputs
Power supply	12 to 24 V DC (2.5 A minimum at 12 V) or PoE+
Temperature	-10 °C to 55 °C
Humidity	10 to 80% non-condensing
Protection rating	IP65; outdoors, protect the sensor from rain and sun (canopy, VISOR hood)
Dimensions (H × W × D)	250 × 152 × 216 mm
Weight	2.2 kg
Standards	CE, CB, FCC; RoHS, REACh, WEEE
IDEMIA accessories	TOWER pedestal, VISOR hood
Frequency	13.56 MHz

Indicative specifications, subject to change without notice. Prices and availability: contact SCAP.