



Citizen Identity



Public Security

Morpho Wave™ Desktop

Take a step beyond touch

Morpho Wave™ Desktop is a contactless fingerprint acquisition solution. This innovative device captures four finger images with a single movement in less than a second. Its dynamic acquisition capability allows subjects to be 'on the move' during fingerprint capture. Morpho Wave™ Desktop is well suited for high traffic environments.



Advanced touchless technology

Very high throughput and performance

Compatible with current contact databases

Meets the challenge of dry and wet fingers

FBI PIV IQS certified

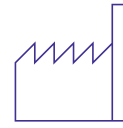
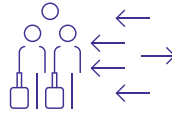
MorphoWave™ Desktop provides a comprehensive solution for the challenges faced by traditional finger scanning systems. A major breakthrough for fingerprint acquisition, the device vastly reduces capture time - under 1 second - resulting in greater efficiency and a better end user experience. It also provides fingerprint images compatible with current contact fingerprint databases.

Applications:



Border control

Flow management



Sensitive sites

Biometric document issuance



MorphoWave™ Desktop integrated into IDEMIA's Access Control solution (MorphoWave™ Tower)

Technical information

- › Dimensions (WxHxD): 133 x 350 x 341 mm (5.23' x 13.78' x 13.42')
- › Weight: 3,5 kg (7.7 lb)
- › Power: 100 – 240V (50 – 60Hz)
- › Interface: PC/laptop through USB 3.0
- › Intended for indoor use
- › Standards: IEC60950-1, EN60950-1, UL60950-1

Compliant with:



MorphoWave™ Key features



Ease of use

- › Simultaneous acquisition of 4 fingerprints
- › 'On the move' contactless capture in less than 1 second
- › One sensing area for either hand



Acquisition quality

- › Meets the challenge of dry and wet fingers
- › Touchless capture: no ghost images left on the scanner
- › FBI PIV IQS certified



Benefits

- › Mitigates hygiene and cultural concerns
- › Reduces bottlenecks in high traffic areas
- › Compatible with standard flat & rolled fingerprint databases for both verification & identification



Security

- › High accuracy
- › Robust against external light and dust

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