MorphoWave™ Desktop by IDEMIA 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. MorphoWave™ Desktop by IDEMIA is well suited for high traffic environments.

Take a step beyond touch

Fingerprints Acquired

- Touchless 3D fingerprint technology
- Very high throughput and performance
- Meets the challenge of dry and wet fingers
- Compatible with current contact databases
- FBI PIV IQS certified
MorphoWave™ Desktop by IDEMIA 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.

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

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:

PIV IQS
RoHS Compliant
CE
FCC

MorphoWave™ Desktop integrated into our Access Control solution (MorphoWave™ Tower by IDEMIA)