

# MorphoWave™ Desktop

BY IDEMIA

Take a step beyond touch

**M**orphoWave™ 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.



\_Fingerprints Acquired



Touchless 3D  
fingerprint  
technology

Very high  
throughput  
and  
performance

Compatible  
with current  
contact  
databases

Meets  
the challenge  
of dry and wet  
fingers

FBI PIV  
IQS certified

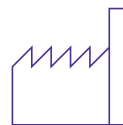
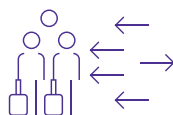
**MorphoWave™** Desktop by IDEMIA provides a comprehensive solution for the challenges faced by traditional finger scanning systems. A major breakthrough for fingerprint acquisition, the device vastly reduces capture time - under 1 second - resulting in greater efficiency and a better end user experience.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

## Applications:



Border control

## Flow management



Sensitive sites

## Biometric document issuance



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

## 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:



## 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