• Ground-breaking and universal biometric technology
• Unrivalled accuracy, security and performance
• Unequalled trade-off between security and comfort of use
• Identification up to 10,000 users
• Enhanced anti-spoofing capabilities
• Easy installation and connection: POE, Wi-Fi option
• Weatherproof: IP 65 rated
• FBI PIV IQS certified
UNPARALLELED PERFORMANCE

- Fast recognition:
  - One-to-one authentication in 1s average  
    (card swiping not included)
  - One-to-many identification in 1s average (1 to 500), 1.5s average (1 to 5,000)

- Large storage capacity:
  - 5,000 users on standard version
  - Upgradable to 10,000 users with license

- Adjustable FAR from $10^{-2}$ down to $10^{-8}$

- Stable FAR whatever the number of individuals in database

FULLY CERTIFIED

- FBI PIV IQS certified sensor
- FIPS 201 and MINEX compliant algorithms (for fingerprint)
- EMC/Safety standards:
  - CE, CB, FCC, NF EN 60825-1 2008-01 (Laser Safety)
  - RoHS, REACh and WEEE compliant

STYLISH, ERGONOMIC AND ROBUST DESIGN

- Intuitive MMI with positioning guides, finger presence detection, multicolor LED indicator and multi-tone buzzer

- Weatherproof: IP 65 rated (once wall mounted)

- Operating conditions:
  - Temperature: -10°C to 50°C (14°F to 122°F)
  - Humidity: 10% to 80% (non condensing)

TECHNICAL SPECIFICATIONS

- Optical sensor
- Dual ARM9 CPU
- MIFARE®/DESFire® contactless smartcard reader (VP-Dual)
- Interfaces: LAN (Ethernet 10/100 Base T; Wi-Fi in option), Wiegand, Datatclock, RS485, Relay, USB port
- Security features:
  - SSL on TCP/IP
  - WEP & WPA encryptions
  - Anti-tamper & anti-pulling switches
- Power supply: External 9V to 16V DC (1A min @12V) or Power Over Ethernet
- Physical characteristics: WxHxD = 90x160x125mm (3.54"x6.3"x4.92")
  - Weight = 515g
- PC Software applications: MorphoEnroll (remote interface), Morpho Integrator's Kit (SDK)