



# MULTIBIO

FingerPrint & FingerVein Biometrics



- Multi touch capacitive screen
- Gorilla glass protection
- NFC – Multi Standard RFID
- USB flash & micro SD support
- Ethernet & PoE Powered
- Wi-Fi, Bluetooth (Optional)
- RS-485 & Wiegand
- Mono Audio & Internal Speaker
- Relay Outputs & Optic Inputs



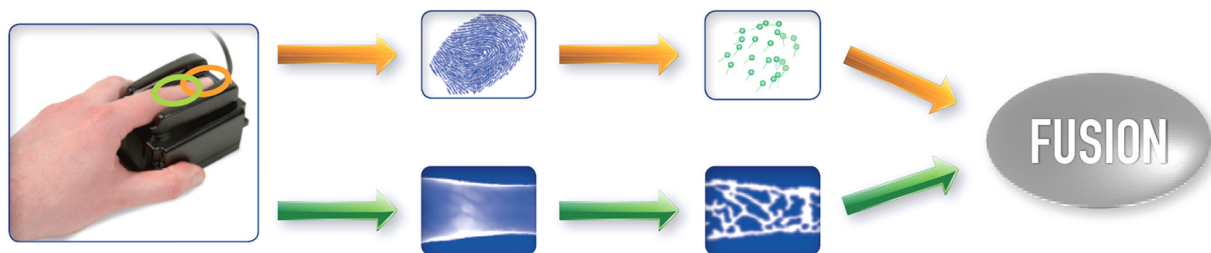


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## The Ultimate Solution for Security, Accuracy and Performance

- Fusion of two complementary biometrics
- Innovative and universal biometric technology
- Unequalled trade-off between security and comfort of use
- Enhanced resistance to spoofing
- Identification with large scale databases
- Simple to integrate
- Robust (IP 65 rated optical sensor)
- FBI PIV IQS certified



## A new era for biometrics

- **Universal and easy-to-adopt:** successful enrollment is guaranteed - particularly for individuals who experience difficulties with mono-modal devices - with the same simplicity and ease of use as for fingerprints alone > The failure To Enroll (FTE) rate is greatly improved
- **Unparalleled accuracy:** by reducing the probability of rejecting genuine individuals and accepting impostors, it gives an efficient response to both comfort and security concerns in any biometric application > @FAR=10<sup>-4</sup>, FRR is 10 times lower than with the best of the 2 modalities
- **Resistance to spoofing:** it combines the protection mechanisms intrinsic to each technology and also makes the most of the new characteristics resulting from the fusion



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## Robust design

- IP 65 rated sensing window
- Scratch, vibration and shock resistant
- Temperature range: -10°C to 50°C (operating) ;
  - 20°C to 70°C (storage)
- Operating Humidity 10 – 80%, Storage <95%

## Extensive and best-in-class biometric/security features

- Fast recognition:
  - One-to-one authentication in 1s (average)
  - One-to-many identification cation in 1s average (1 to 500), 1.5saverage (1 to 5,000)
- Large storage capacity: 5,000 users (10,000 templates)
- Multiple biometric outputs:
  - Multimodal template
  - Fingerprint image (500dpi, 256 grayscale, 400x400 pixels): RAW or WSQ compressed (under license)
  - Fingerprint templates (under license): proprietary, ISO 19794-2:2005, ANSI/INCITS 378
- Adjustable FAR from 10<sup>-2</sup> down to 10<sup>-8</sup> ; remains stable whatever the number of individuals in the database
- Data integrity check by the host to exchange data under secure channel (in option)

**DYTRONIC**

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