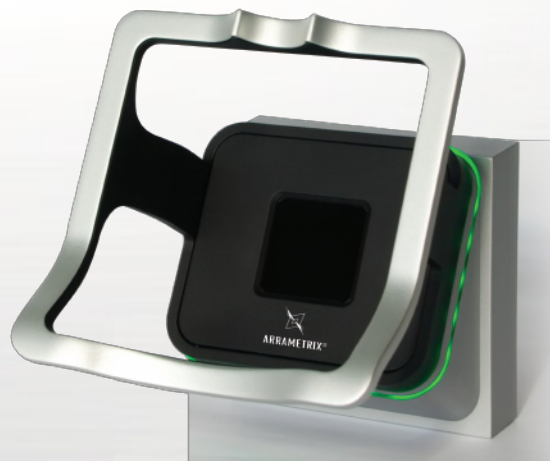# Innovative Biometric Solutions For Convenience & Security

THE SENSOBOX®

SensoBox® (non-contractual photo)
Actual product may differ from the printed image

ARRAMETRIX® presents one of their new products: "SensoBox®"

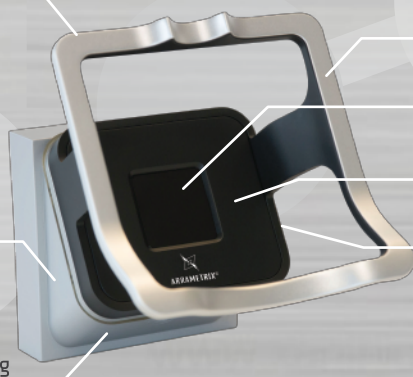The SensoBox® is the new generation of powerful, secure and easy to use biometry vein reader:

◊ Extremely reliable
◊ Small form factor, ready for wall built-in casings (Siedle, Weibel)
◊ Customizable to any corporate identity
◊ Very compact and bringing higher performance
◊ Able to read contactless badges
◊ Able to run in a full standalone mode
◊ Can be used in identifications for a wide range of applications
◊ Higher level of terminal's security is also a perfect choice for e-government applications

Connections:
▪ RJ45, POE
▪ Wiegand

Removable Hand Guide, intuitive position

Palm vein sensor

RFID antenna inside

Ring of RGB LEDs

SensoBox® with hand guide
(non-contractual photo)
Actual product may differ from the printed image

Embedded powerful
DUAL CORE processor inside

Small form factor built-in casing

SensoBox® with hand guide
(non-contractual photo)
Actual product may differ from the printed image

THE SENSOBOX®

Hardware Characteristics

Color: Black and Grey

Dimensions: Small form factor
Ready for wall built-in casings

Weight: 295g

Casing: Robust plastic and aluminum casing with removable hand guide intuitive & modern design

Installation: Easy installation for electricians

Compliant to differnt standard built-in casing: Weibel, Feller.
Another form factor will be available for Siedle casing

Embedded: Very small electronic form factor
Fan less

Operating Condition: 0°C - 55°C

With Hand Guide for Wall Built-In Casing

Height: 146.0 mm

Total Height: 207.7 mm

Width: 124.0 mm

Length: 159.1 mm

Wall built-in depth: 61.7 mm

ISOMETRIC View

TOP View

SIDE View

BACK View

With Hand Guide for Wall SIEDLE Casing

Height: 135.1 mm

Total Height: 172.3 mm

Width: 124.0 mm

Length: 163.6 mm

Wall built-in depth: 37.2 mm

ISOMETRIC View

TOP View

SIDE View

BACK View

Innovative Biometric Solutions For Convenience & Security
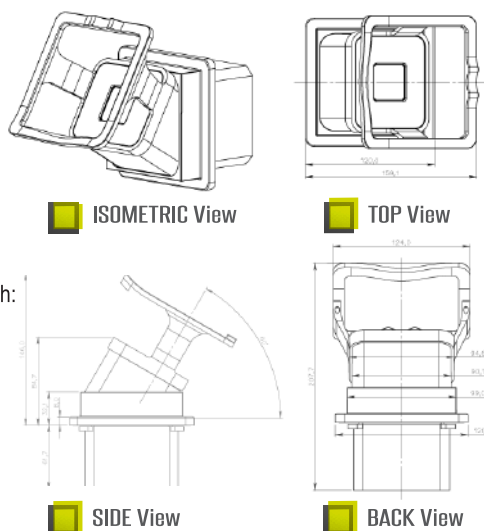
With or without Hand Guide for Wall Built-In Casing

Height: 146.0 mm

Total Height: 207.7 mm

Width: 124.0 mm

Length: 159.1 mm
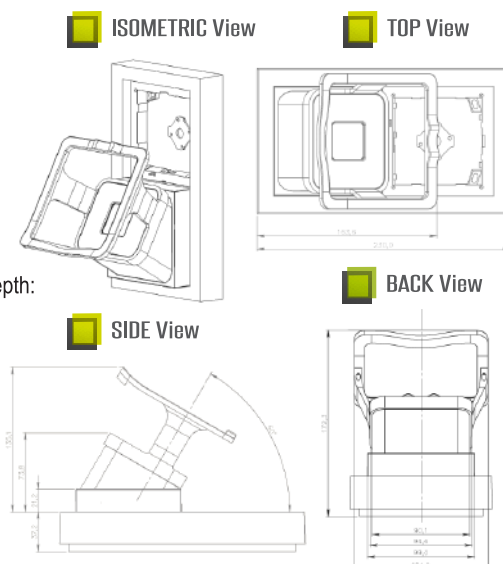
Wall built-in depth: 61.7 mm

Technical Data:

Features
• Able to operate in identification (1:2000)
• Able to operate in full standalone mode

Connectivity
• RJ45 10/100 Mbits Ethernet with POE
• Wiegand OUT (6 to 128bits)

Electrical Characteristics
• POE supply
• Low power consumption, 13W

Embedded Processing
• Powerful low power Dual Core inside
• High speed low power DDR2 RAM
• 1GB system SLC NAND Flash
• (internal uSD card slot)

Biometry & Authentication
• Fujitsu Palm Vein sensor (FAR: 0.00008%, FRR : 0.01%)
• Able to operate in identification mode
• Able to process up to 1:N=2'000 templates embedded in less than 2s

User Interface
• RGB LEDs (ring) with different colors for activity indication, state of device, operations and results
• Indications of errors: status and network error failures
• Buzzer

Security
• Several levels of encryption combining asymmetric and symmetric encryptions mechanisms
• Embedded certificates
• SSL connections with remote authentication servers

Operating Conditions & Characteristics
• 0°C - 55°C
• Fan less
• Total Weight: 295g

Compliance & Certifications
• Fujitsu Palm Vein sensor certified EAL 2
• IP65 / FCC / CE / ROHS

Document
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