iCOGNIZE®

ScanVein Design

#biometrics   #palmwein   #accesscontrol

PALM VEIN SCANNER FOR HIGH SECURITY AREAS

The **ScanVein Design** palm vein scanner was developed as high security biometrical access system designed for computing centers, office buildings, research labs, power plants or airports and is based on Fujitsu PalmSecure technology.

Using the highly unique vascular pattern of ones palm, the access system provides high security and comfort for its users. Due to its contactless, hygienicand, noninvasively approach combined with an innovative hand-positioningsystem the system offers an intuitive usage and ensures high user acceptance.

The **ScanVein Design** palm vein scanner features a broad collection of hardware interfaces, which allows an easy integration into existing security infrastructure.

Moreover, the integrated soft- and hardware backup systems ensure the highest possible system availability. Its compact design allows the unobtrusive integration into existing environments, as the Indoor sensor is designed to fit in any standard flush-mounted socket. Consequently, the **ScanVein Design** sensor is as easily installable as a usual light switch. Furthermore, the sensor can be fitted with exchangeable frames available in various designs such as aluminum or glass in different colors.

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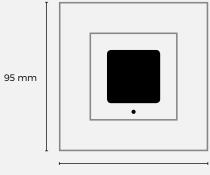
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Your benefits

- RGB-LED user feedback and guidance
- Stronger security than Iris scan technology
- FAR < 0.00008% (false acceptance rate)
- FRR < 0.01% (false rejection rate)
- Tamper detection (contact and acceleration)
- Integrated Fujitsu PalmSecure Sensor
- Interchangeable magnetic frames
- Installation in wall-flush mount
- Integrated PIN-Pad
- Certified according to CE, BSI (components)
- Automatic sleep mode and body detection to reduce power consumption

Technical features

- Interfaces: Wiegand\ClkData In, Wiegand\ClkData Out, CAN, RS-232, RS-485, Relay, GPIO, USB-Host
- Communication I/F: Ethernet or USB 2.0
- Application area: Indoor
- Integrated RFID tranceiver, (Mifare Desfi re EV1 or Legic Advant; option)
- Housing: from 0° to +50°C, at a relative humidity of up to 90% (non-condensing)
- Max ambient light intensity 5.000 Lux
- Identification or verification mode
- Easy installation

95 mm
95 mm

External dimensions:
95 x 95 x 9 mm (HxWxD)

Mount dimensions:
68 x 50 mm (diameter x depth)

Installation depth (center):
160 cm or 105 cm

Frame designs:
Aluminum (silver, black) or
glass (white, green, umbra, black)

Frame contour:
rectangular or round corners

Power supply:
Power over Ethernet (IEEE802.3af)
or USB or AUX Power

Standards:
CE compliant
BSI (components)