



Satelco Exclusive Line Vein Scanner

- Integrated hand vein scanner (live detection)
- VoIP communication via SIP 2.0
- SIP rear electronics with Ethernet connection
- Supply via a power supply unit or PoE
- Simple electrical installation and setting via web interface
- Use of the LAN / WLAN network for administration, communication and control via web browser
- Special designs possible on request

The Satelco Exclusive Line IP video intercom is timeless in design, weatherproof and suited for both traditional and modern entrances.

The robust front panel of the intercom is made of anodised aluminium and equipped with a ball-head colour camera, loudspeaker, microphone, two pushbuttons, two nameplates and a palm vein scanner.

The scanner detects the vein pattern beneath the skin on the palm through non-contact measurement via near infrared radiation (less than a remote control). This is unique to each person and includes detailed characteristics. However, the sensor only detects the pattern if blood is flowing in the veins (live recognition). Unlike many other biometric systems which work with external features, the palm vein scanner uses the veins hidden inside the body for identification and authentication. This scanner can be used both in the private as well as in the business environment. This combined with the uniqueness of the vein patterns offers the highest levels of security and thus replaces keys, badges, cards, codes, etc.

Palm vein biometric applications save time and cost, simplify processes, provide security and are easy to use.

Possible areas of application:

- Residential complexes
- Integration in letterbox systems
- Hotels
- Banks
- Administration buildings
- Specially protected zones
- Hospitals, clinics
- Access to car parks, etc.

Technical data:	
IP parameter	
Signalling	SIP 2.0 (UDP)
Audio Codec	G.711
Audio protocols	RTP (G.711)/ RTSP
IP protocols	IPv4, ARP, TCP, UDP, DHCP, HTTP/ HTTPS, SNMP, TFTP, SMTP, ONIV
Power supply	
External	12 V DC (9-36 V DC), max. 2 A
PoE (Power over Ethernet)	802.3af (Class 0 – max. 12.95 W)
Consumption	2 W in standby mode
Ethernet interfaces	
LAN	2x LAN (1+2), 10/100BASE-TX with Auto-MDIX, RJ45 PoE 802.3af (only LAN1)
Recommended cable	Cat-5e and better
Palm vein scanner	
	Contactless identification of the palm vein by near infrared radiation
Audio / Video	
	Loudspeaker
	Microphone
	Colour camera, adjustable, horizontal viewing angle 68 °
Pushbuttons	
	2 pushbuttons (available on request with one or up to 16 buttons)
Name plates	
	2 nameplates (available on request with one, several or no nameplates)
Mechanical properties	
Front panel	Aluminium anodized, transparent
Front panel dimensions	285 x 95 x 4 mm
Operating temperature	-40 °C to +55°C
Humidity	10% to 95% (non-condensing)
Storage temperature	-40 °C to +70 °C
IP rating	IP 20
Assembly	Flush-mounting

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* Warranty ex works, normally 24 months, fixed at order. Information is current as of the date of publication. Subject to errors and modifications. / NOTE: Internal connections refer to connections inside the unit, generally mounted across a pin-header. External connections refer to those outside the box. Once mounted, only connections described as "front accessible" can be accessed by the customer.