

INTUS 1600PS

- + Biometric authentication system for maximized security
- + High user acceptance by contactless hygienic scanning process
- + Full integration into INTUS access solutions and DEXICON
- + Connectivity to many 3rd party access controllers
- + Sensor with high security level: FAR 0.000,08% , FRR 0.01%



INTUS 1600PS palm vein authentication is based on the PalmSecure technology from Fujitsu that ideally combines the simplicity of fingerprint with high security requirements. The layout of the veins remains unchanged throughout a lifetime, and it is different in each individual. Soiled skin, impure skin, or superficial injuries have no effect.



Technical Data INTUS 1600PS Reader	INTUS 1600PS	INTUS PS
Fujitsu PalmSecure Sensor	■	■
Numeric keypad and RFID reader (Mifare DESFire EV1, Legic advant)	■	■
Display with MagicEye (216 colors)	■	■
Interface to INTUS PS controller via 2 x USB (distance 5m)	■	■
- Extension via USB-PoC Extender up to max. 100m (option)	integrated	external
Tamper contact, strong lock	■	–
Buzzer	■	–
Mechanics, power supply, environment		
Power supply 5V via INTUS PS Controller resp. USB-PoC Extender	■	■
Surface-mounted housing	■	■
Housing can be integrated into Siedle system	–	□
Degree of protection	IP54	IP54 (front side)
Temperature range +5°C ... +40°C	■	■
Heating (for increased temperature range –20°C ... +40°C)	□	□
Dimension (H x W x D) in mm	300x140x71	230x130x43
Weight in kg	1,8	1,8

Technical Data INTUS PS Controller (V4)	
Wiegand interface for the connection to INTUS ACM / third party access controller ¹	■
LBus interface for the connection to INTUS ACM ¹	■
Host interface Ethernet (10/100BaseT – RJ45) for template download	■
2 x USB interfaces for connection to INTUS PS/1600PS reader	■
- Extension via USB-PoC Extender up to max. 100m (option)	Internal (2x)
2 digital inputs (opto decoupled) / 2 digital output (5A)	■
Tamper contact	■
Firmware Linux embedded with PalmSecure driver for Wiegand interface ²	□
Firmware Linux embedded with PalmSecure driver for LBus interface ²	□
Firmware Linux embedded with PalmSecure driver for RS485 interface with OSDP ²	□
Mechanics, power supply, environment	
Strong metal housing, 2 status LEDs, buzzer	■
Current consumption at 230V	600 mA
Temperature range +5°C ... +40°C	■
Humidity non-condensing +20% ... +90%	■
Dimension (H x W x D) in mm	255x313x80
Weight in kg	4,1
■ Standard □ Option – not available	

¹ not simultaneously
² not simultaneously

Technical specifications subject to change without notice.
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