



Controller

Palm-ID Pro specifications

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Recogtech Controller

Intel	PC Architecture
OS	Linux embedded
Secure platform	Linux programming (redhat), TPM 2.0, SSL encryption Encrypted RS485 data traffic
Data processing	Separated for access control and biometrics
Database	Biometric data encrypted on controller(s)
Type controller	Industrial Motherboard
Configuration	Stand alone or network
Memory	8 GB RAM
Storage	32 GB SSD
Dimensions	85 mm – 130mm (width) x 110 mm (length) 55 mm (height)
Operating temperature	0-60 C
Humidity	5-90 NC
Power	12V DC (adapter 12 V included)
Ethernet	LAN and connection by web interface or API
LED	LED interface
USB	RS 485 converter
USB	Palm Vein Scanner Fujitsu (PalmSecure)
Certifications	CE, FCC, RoHS

Fujitsu Sensor

Reading system	Near-infrared light pattern capture
Scope of capture	Entire palm
Temperature	0-60°C
Encryption	AES > 128 bit
Authentication rate	False Acceptance Rate: 0,00008%, False Rejection Rate: 0,01%
Electromagnetic wave standard	VCCI / FCC / EN- class B
Safety Standard	EN60950-1, UL60950-1, EN-55022:2006 class B, N55024:1998+A1
Environmental Regulation	Conforms to ROHS

Palm Scanner/Sensor



SIC



SIC Controller

Dimensions	59 (W) x 41,5 (L) x 14 (H) mm
Operating temperature	5-50 C
Humidity	5-95 RH NC
Power	12-24 VDC (feed from controller)
Interface	RS485
Output	Wiegand, OSDP, DeBus
Encryption	AES 128 bit