



Controller

## Palm-ID specifications

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### Recogtech Controller

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Intel                 | PC Architecture                                        |
| OS                    | Linux embedded                                         |
| Secure platform       | Linux programming (redhat), TPM 2.0, SSL encryption    |
| 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                    |
| LED                   | LED interface                                          |
| USB                   | Palm Vein Scanner Fujitsu (PalmSecure)                 |
| Certifications        | CE, FCC, RoHS                                          |
| Output                | Relay or sys.log                                       |

## 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

