

**TECHNICAL DATA SHEET XMP-PALM-003**

**XMP-PalmCom Controller  
for Access Control Systems**

The PalmCom controller XMP-PALM-003 compares the palm vein pattern of the PalmVein sensor with the reference template sent from access controller. If they match, the access controller grants access.

**SOFTWARE FEATURES**

- Real time LINUX Operating System
- Power Over Ethernet and/or 12-24V power supply
- Outputs for external LED control
- AES-Security encryption

**TECHNICAL FEATURES**

**Electrical:**

- CPU with 800 MHz, 32 Bit, 2GB RAM
- 10/100 MBit Ethernet-Interface
- PoE 802.3af (12,5W) and/or Power supply 12 - 24 Volt DC
- Power consumption: 12 Watt
- 2 x USB 2.0
- LED-Interface for external application
- Reset-button
- Lithium battery (for clock power supply during power failure for about 6 months)

**Environmental:**

- Ambient temperature:  
During operation: 0° - 50° C, +32° - 122° F
- Relative humidity: 5 - 90 %
- Protection type: IP54

**Mechanical:**

- Color housing: black
- Dimensions housing: (WxHxD): 106 x 95 x 29 mm
- Dimensions board: (WxHxD): 76 x 88 x 22 mm
- Weight: 200 Gramm

**Dip-Switches:**

- SW1 Switch 1 to 2 = Internal function
- SW1 Switch 3 = Change the IP-Address (ON)
- SW1 Switch 4 = Internal function
- SW2 Switch 1 to 4 = Internal function

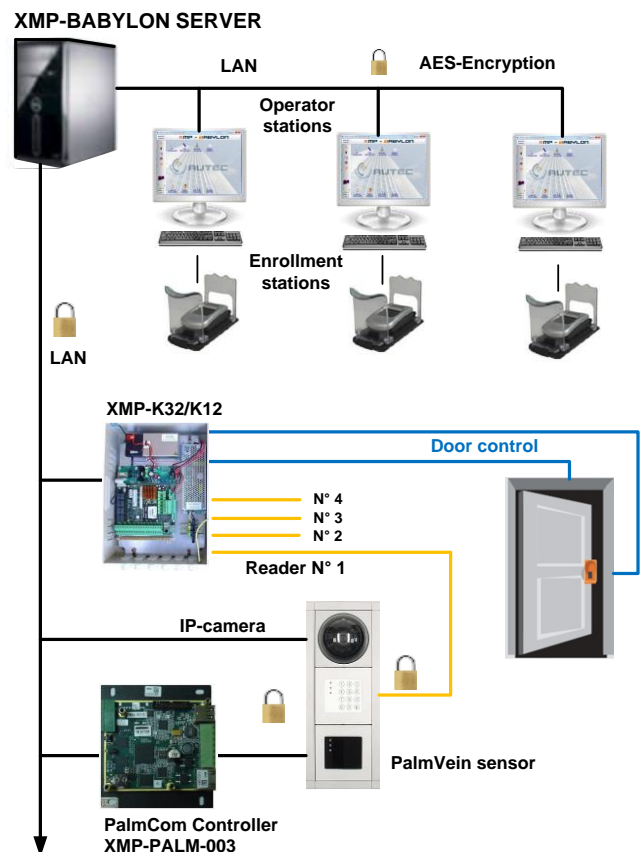
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**XMP-PALM-003**

**System architecture**



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