

## **EFIS121 - Ethernet Fingerprint Image Scanner**

### **Features**

- EFIS121 based on E1-16SXR Hyperstone RISC/DSP processor (128MHz)
- sweeping sensor from Atmel
- 10/100 Mbps Ethernet interface
- 2 access modes, TCP client and TCP server
- finger auto detect
- 3 leds, all leds are software-programmable
- power supply over ethernet cable
- default IP address switch (default IP address: 192.168.100.2 port 5000)
- DHCP (optional)
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### **Technical specifications**

#### **external dimensions:**

- Length: 80 mm
- Width: 60 mm
- Height: 15 mm

#### **biometric sensor:**

- AT77C102B thermal Atmel FingerChip™ sensor
- image size: 280x440 sensor array
- image resolution: 508 dpi

#### **interface:**

- 10/100 Mbps Ethernet interface

#### **power:**

- The range of supply voltage: VDC 9-35V
- via Power over Ethernet cable (not 100% compatible with IEEE 802.3af)
- typical operating current: 110mA, 12V (100Mbps)

#### **other:**

- operating temperature: -10 to +70 Celcius
- surface discharge: 15 kV aerial discharge
- surface pressure strength or sweep: 1.2 million times

#### **software:**

- SDK – Software Development Kit with the source code example
- firmware loader and parameters configuration utility