

FoxSec ethernet communication module

FoxSec® products provide a complete and fully featured hardware/firmware infrastructure for access control and intruder alarm systems.

The FS9131 is small, reliable and fully featured access door controller communication module. The FS9131 has it's own plastic cabinet.

FS9131 has on-board memory, allowing program updates to be downloaded via ethernet network. FS9131 can be programmed over FSConf software.

With FS9131 communication module is possible to add additional access controller data lines. Each FS9131 data line can manage up to 31 access controllers or 1 time attendance registrator. The FS9131 enables to add more access door data lines all over the world into one system.

FS9131 Features



Access door real time monitoring



Real time access rights



Configurations and setup with FSConf or it's own conf software



Possibility to connect up to 31 door controllers

Features

The unit should be installed indoors, near secured area such as in the IT or telecommunications room, utility closet or server room

Ethernet connection LED
10MB connection LED
Working status LED

One RS485 connection to dataline
1 LAN RJ45 connector
1 USB B for configuration
DC Power input

Power consumption 250mA
The FS9131 should be supplied 12 VDC from separate power supply
Separate grounding is necessary
Supervised DC supplies with battery back-up are recommended for modules
Power polarity protection fuse

IP address, UDP port nr and access controller addresses must be set over FSConf or it's own conf software

16-bit CPU Microcontroller, 25 MHz

32k FRAM memory non-volatile

Warranted against defects in materials and workmanship for 24 months

Specifications

Dimensions

140W x 35H x 110D mm
(5.51" x 1.38" x 4.33")

Weight

0.16kg (5.65 oz)

Casing Material

Polycarbonite

Power Supply Requirements

100-240VAC 50/60Hz power supply
Mains fuse 1.25A
Power output supply 13V
Power supply max operating current 250mA
Power supply max output current 1.7A Electronic fuse
FS9131 current 250mA@12VDC

Operating Environment

Indoors

Temperature

0° to 40° C (32° to 104° F)

Humidity

0% to 80% relative, non-condensing

Materials

RoHS compliant 2002/95/EC

Communication Ports

1 x USB B - configuration
1 x RJ45 LAN

Cable Distance

RS-485- 1500m (4900 feet), using shielded twisted pair cable (Cat5e, Cat6e)
Input Circuits- 150m (500 feet), using 4 x 0.22 cable
Output Circuits- 150m (500 feet), using 2 x 0.5+2 x 0.22 cable
Card reader- 50m (165 feet) 2 x 0.504 x 0.22+S
Minimum wire gauge depends on cable length and current requirements