

FoxSec ethernet communication module

FoxSec® products provide a complete and fully featured hardware/firmware infrastructure for access and security control systems. The FS9131 is small, reliable and fully featured access door controller communication module. FS9131 has its own plastic cabinet.

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

With FS9131 communication module it 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.



Compatible access door controllers

FS8000 series

FS7000 series

FS5000 series

FS9131 Features

- ❖ Access door real time monitoring with FoxSec Net+ or FoxSec 1850 software over LAN
- ❖ Real time access rights, door mode setup updating over the network
- ❖ Configurations and setup with FSCConf or its own conf software
- ❖ Possibility to connect up to 31 door controllers

FS9131 Features

Mounting	The unit should be installed indoors, near secured area such as in an IT or telecommunications room, utility closet or server room
Indications	Ethernet connection LED 10MB connection LED Programming LED Working status LED
Connectors	<ul style="list-style-type: none"> ▪ One RS485 connection to dataline ▪ 1 LAN RJ45 connector ▪ DC Power input
Power	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
Addressing	IP address, UDP port nr and access controller addresses must be set over FSConf or it's own conf software
CPU	<ul style="list-style-type: none"> • 16-bit CPU Microcontroller, 25 MHz
Memory	<ul style="list-style-type: none"> • 32k FRAM memory non-volatile
Warranty	Warranted against defects in materials and workmanship for 24 months. (See complete warranty policy for details.)

FS9131 Specifications

Measures	Dimensions 140W x 35H x 110D mm (5.51" x 1.38" x 4.33") Weight 160g (5.65 oz.)
Case	Casing Material Polycarbonite
Power supply	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 Recommended: Supervised switching power supply with battery backup, input surge protection, AC Fail and battery low contact outputs. Separate supervised DC supply with battery back-up recommended if power supply max consumption exceeds.
Environmental	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
Communications	Communication Ports 1 x RS485 – two wire 1 x RJ45 LAN
Cables	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 0.5+4 x 0.22+S Minimum wire gauge depends on cable length and current requirements.
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