

## FoxSec security extension module

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

The FS9108 zone has 8 zone inputs, 2 or 8 relay outputs and all i/o has status LED for quick check on installation. Easy to install and it is maintenance free.

The FS9108 connects to FoxSec main panel directly thru CAN dataline. CAN dataline can be up to 1500m (4900 feet)

Each module uses an address and it is changable by dip switch on the pcb.

## FS9108 Features

-  2 or 8 relay outputs  
Relay outputs are programmable
-  Status LED's for easy visual diagnostics of troubles, zone states etc.
-  Can be used as normal / fire / panic etc. type zone
-  Live monitoring over FSConf or FoxSec Monitoring software
-  Connects directly to main panel CAN dataline

## Features

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

8 input status LEDs  
2 or 8 output status LEDs  
CAN data status LED

Power consumption 100mA  
FS9108 module should be supplied 12 VDC  
from separate power supply.

AC Power input  
One Tamper input

16-bit CPU Microcontroller, 16 MHz  
32k Flash memory inside microcontroller  
500mA output power (for sensors) electronic fuse

## Specifications

### Dimensions

161W x 101H mm  
(6.34" x 3.98)

### Weight

160g (5.64 oz)

### Casing Material

Metal (250W x 290H x 80D mm)  
Polycarbonite (230 W x 155 H x 45 mm)

### Power Supply Requirements

100-240V AC 50/60Hz power supply  
Main fuse 1.25A  
Power output supply 13V  
Power supply max operating current 250mA  
Power supply max output current 1.7A Electronic fuse  
FS9108 current 100mA@12VDC

### Operating Environment

Indoors or customer-supplied NEMA-4 Enclosure

### 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 CANbus- two wire

### Cable Distance

CANbus- 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  
Minimum wire gauge depends on cable length and current requirements

### Models

FS9108/2 8 zone input and 2 relay output  
FS9108/8 8 zone input and 8 relay output