

## FoxSec output module

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

FS9100/8 can be installed on it's own plastic or metal cabinet, regarding on client wishes.

FS9100/8 has 8 relay outputs and all outputs has status LED for quick check on installation. FS9100/8 is main output module to where can be connected additional 4 sub FS9100/8.8 output modules creating 40 output pack. Easy to install and is maintenance free.

9100/8 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.

## FS9100/8 Features



8 relay (5A) outputs with status LED



Metal mounting box / optional plastic mounting box



Output status LED



Up to 24 modules per FS9000/FS9002 panel / Up to 14 modules per FS9010 panel



Live monitoring over FSConf software

## Features

Mount to any wall surface, using two screws. Unit should be installed indoors, near secured area of arming and disarming as quickly and comfortable as possible

8 output status LED  
CAN data status LED  
8 outputs (rated 8 x 5A 230 VAC, max500W)

Screw terminal connectors  
One CANbus connection to dataline  
1 tamper input  
DC Power input  
On-board spring tamper

Power consumption 100mA  
FS9100/8 output module 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

Address is selectable by dip switch on the PCB

16-bit CPU Microcontroller, 16 MHz  
32k Flash memory inside microcontroller

## Specifications

### Dimensions

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

### Weight

160g (5.65 oz)

### Casing Material

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

### Power Supply Requirements

100-240VAC 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  
FS9100/8 current 100mA @ 12VDC  
Recommended: Supervised switching power supply with battery backup, input surge protection and AC Fail and battery low contact outputs.  
Separate supervised DC supply with battery back-up recommended if power supply max consumption exceeds

### Operatin 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  
1 x 12C communication- four wire

### Cable Distance

CANBus - 1500m (4900 feet), using shielded twisted pair cable (Cat5e, Cat6e)  
Output Circuits- 150m (500 feet), using 4 x 0.22 cable  
Minimum wire gauge depends on cable length and current requirements