

## FoxSec Locker Main Panel

Up to 240 locks (12 on main board, expandable to 240 inputs/outputs).

FS9011 is designed for installations in commercial complexes and high-security installations.











All programming of FoxSec® FS9011 is done through FoxSecConf configuration software.  
FoxSecConf is designed for use by installer (system programming).



Figure 1

Figure 2

## FS9011 Features

-  2 Wiegand reader input
-  Built-in Ethernet data communication
-  Up to 2800 users in memory
-  Up to 3500 access control logs
-  Power supply unit 16VAC up to 3,2A
-  Battery control and capacity test
-  Display port
-  Up to 240 outputs for locks and 240 inputs for status
-  Built in power supply (24V 2,5A) for lock expander
-  DIN casing ready

## Features

Metal enclosure protects components from Damage and tampering the device Mount to any wall surface, using three screws. The unit should be installed indoors, inside a secure area, such as in an IT or telecommunications room, utility closet, or on a wall above a suspended ceiling.

RJ-45 connector for Ethernet TCP/IP  
Quick-disconnect screw terminal connectors:  
12 on-board supervised inputs for lock status  
12 PGM outputs for lock  
2 x card reader inputs (Wiegand only)  
1 x CANbus input/output for lock expander modem  
AC/DC Power input  
Tamper inputs (enclosure door and wall)  
24V output for lock expander  
Special plug for locks and statuses  
Special plug solutions for extensions

The user should supply 12 VDC to connected interfaces. Separate supervised DC supplies with battery back-up are recommended for door locking or relay activated devices if consumption exceeds 2A

16-bit CPU Microcontroller, 80 MHz  
512 k Flash memory inside microcontroller  
256k EEPROM non-volatile memory  
196k FRAM non-volatile memory

Warranted against defects in materials and workmanship for 24 months.  
(See complete warranty policy for details.)

## Specifications

### Dimensions

300W x 220H x 75D mm (metal case with power supply)  
(11.8" x 8.6" x 2.9")

204W x 125H x 40D mm (only PCB)  
(8.03" x 4.9" x 1.6")

### Weight

6.97 kg (245 oz) without battery (metal case with power supply)  
0.21 kg (7.40 oz) (only PCB)

### Enclosure Material

Metal  
Plastic DIN casing (optional)

### Power Supply Requirements

100-240VAC 50/60Hz power supply  
Power input 16VAC 40WA, main fuse 630 mA  
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.

### Operating Environment

Indoors or customer-supplied NEMA-4 Enclosure

### Temperature

-10° to 104° C (-10° to 40° F)

### Humidity

0% to 80% relative, non-condensing  
Materials RoHS compliant 2002/95/EC

### Communication Ports

1 x TCP-IP- 10/100 Mbps  
1 x CANbus- two wire  
1 x 485- two wire (optional)  
Display port

### Cable Distance

ETHERNET – 100m (300 feet) to next device, using Category 5 cable or Category 6 cable  
CANBus – 1500m (4900 feet), using shielded twisted pair cable (Cat5e, Cat6e)  
for lock, up to length 3m, special plug connection (figure 1)  
for power and data line special plug connection (figure 2)  
Card reader – 50m (165 feet) 2 x 0.5+4 x 0.22+S  
Minimum wire gauge depends on cable length and current requirements.