

## FoxSec OLED keypad

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

The FS9501WH keypad is designer style keypad providing security system at a glance. The FS9501WH connects to FS9002/FS9000 and FS9020/FS9010 main panels via CANbus.

Attractively designed white keypad with white silicone buttons for greater night time visibility makes it sleek and stylish for any interior

FS9501WH has optional internal or external cardreader for arming or disarming with PIN, card or card+PIN code. Selectable 4 or 6 digit PIN code. Arming or disarming up to 19 areas at once. Each FS9501WH has built-in memory for storing user and area names and also local keypad last 100 events. Clear 2 x 20 character OLED provides full information of the system and labels are freely programmable on site.

By handling low-level transactions on the CANbus network it is very fast, durable and reliable keypad.

## FS9501WH Features



Silicone buttons



Internal or external proximity card reader (optional)



Arming / disarming with PIN, card or card + PIN



Displaying and accepting alarms



Polycarbonite case 169 x 130 x 22

## Features

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

2 line 20 character per line OLED display  
white silicone buttons  
Choosable button backlight colors

Screw terminal connectors  
OneCANbus connection to dataline  
1 cardreader input  
1 non-latching output relay for beeper or status diode (rated 1 x 2A (max60W))

Power consumption depends on the OLED ordered  
Consumption is between 100-200mA  
The keypad should be supplied 12VDC from separate PSU  
Separate grounding necessary  
Supervised DC supplies with battery back-up recommended  
Power polarity protection fuse  
Card reader data polarity fuse

## Specifications

### Dimensions

169W x 130H x 22D mm without lid  
(6.65" x 5.12" x 0.90")

### Weight

0.3kg (10.6 oz) without battery

### 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

Keypad current 100-200mA@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 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

### Protection

4000 - VPEAK Isolation

2500- VRMS isolation up to 60sec

Human Body Model Up to 16kV (ESD)

Charged Device Model Up to 1kV (ESD)

Machine Model Up to 200V (ESD)

Thermal Shutdown Protection

Onboard DC-DC converter isolation Up to 3kVDC