FoxSec ethernet communication module

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

The ADP4 is small, reliable and fully featured access door controller communication module.
The ADP4 has it's own plastic cabinet.

The ADP4 can be programmed over ADP4 conf software.
With ADP4 communication module is possible to add additional access controller data lines.
Each ADP4 data line can manage up to 31 access controllers or 1 time attendance registrator.

The ADP4 enables to add more access door data lines all over the world into one system.

ADP4 Features

- Access door real time monitoring
- Real time access rights
- Configurations and setup with ADP4 conf software
- Possibility to connect up to 31 door controllers

ADP4
Communication module

Features

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

Ethernet connection LED
10MB connection LED
Working status LED

One RS485 connection to dataline
1 LAN RJ45 connector
1 USB B for configuration
DC Power input

Power consumption 250mA
The ADP4 should be supplied 12 VDC from sepparate power supply
Separate grounding is necessary
Spervised DC supplies with battery back-up are recommended for modules
Power polarity protection fuse

IP address, UDP port nr and access controller addresses must be set over FSConf or it's own conf software

16-bit CPU Microcontroller, 25 MHz

32k FRAM memory non-volatile

Warranted against defects in materials and workmanship for 24 months

Specifications

Dimensions
140W x 35H x 110D mm
(5.51" x 1.38" x 4.33")
Weight
0.16kg (5.65 oz)
Casing Material
Polycardonite

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
ADP4 current 250mA@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 USB B - configuration
1 x RJ45 LAN

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 0.504 x 0.22+S
Minimum wire gauge depends on cable length and current requirements