

Features

- ✧ Two photoelectric isolation CAN interfaces.
- ✧ Suitable for ring network.

Description

- ✧ Refer to GST-IFP2E Fire Alarm Control Panel Installation Manual.
- ✧ P-9967EA card is optional for GST-IFP2E control panel, providing two photoelectric isolation CAN interfaces.
- ✧ This card is NOT hot-swappable.
- ✧ Refer to the control panel manual for following settings.
 - 1) Set the default NONE to Network on the corresponding slot, keep the slot address consistent with the card address configured with pins XT1 and XT2.
 - 2) Set address of the control panels in the system.
- ✧ LEDs

P-9967EA card has internal RS485, CAN1 and CAN2 ports. If HL4 LED state remains unchanged, it indicates CAN port is faulty, If HL5 LED state remains unchanged, it indicates RS485 port is faulty, flashing HL4 and HL5 mean that P-9967EA works normally.
- ✧ In CAN network made of those cards, CAN1 connects with the CAN2 of the neighbor control panel. Maximum distance between two networked panels shall be within 3000 m.
- ✧ One GST-IFP2E control panel can connect max 2 P-9967EA card.

Connection & Wiring

Fig 1 shows the connection of panels.

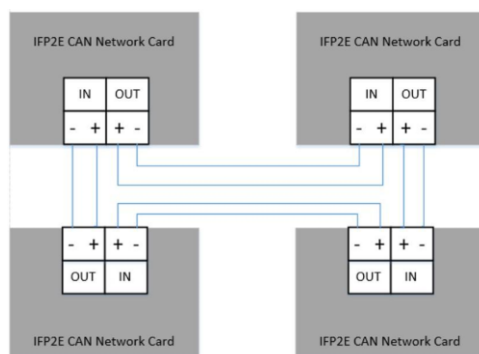


Fig. 1 CAN Ring Network

Each network card has internally shorted terminals XS1 and XS2, all network cards shall be daisy-chained together using the supplied 4-pin cable via these terminals. At least one terminal from one of network cards must be wired to the 5V terminal(XT9) of the

Power Interface Board for power supply and communication as shown in fig. 2.

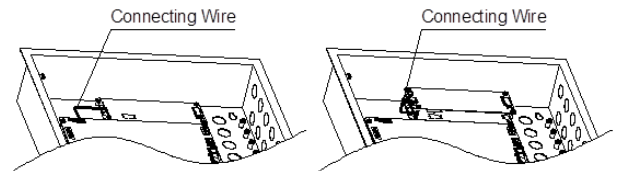


Fig. 2

Installation

Maximum 2 Network cards including P-9967EA CAN Card, P-9957E Modbus Card, P-9957E-RP Repeater card and P-9984EA Fiber Network Card may be used in the panel.

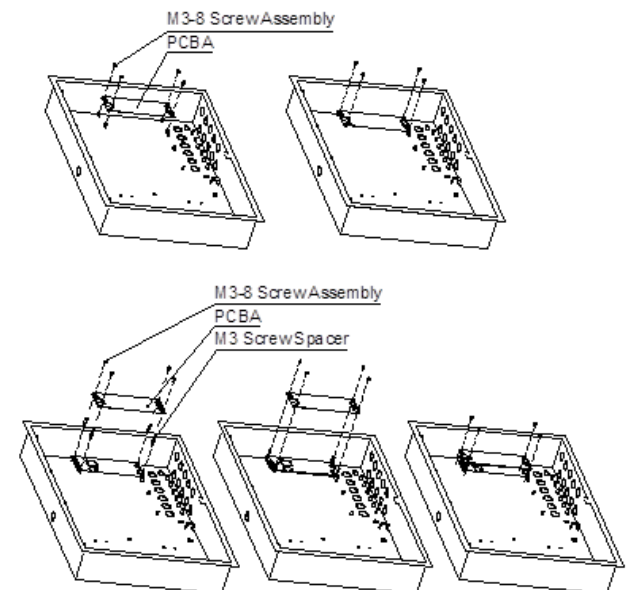


Fig. 3

Application

P-9967EA CAN Class A Network Card shall connect to Power Interface Board of the control panel either directly or via another network card, and as shown in Fig.2. Ring network is formed though twisted pair as shown in Fig. 1.

Specification

Comm. Interface	Two CAN interfaces
Comm. Distance	The distance between two neighbor nodes is less than 3000m
Network Capacity	Maximum 250 GST series control panels for networking.
Transmission Medium	1.0 mm ² or above twisted pair, shielded twisted pair is recommended.
Baud Rate	10Kbps
Electrical Rating	5VDC, 200mA
Ambient Temperature	-5-50°C/23-122° F
Relative Humidity	95% RH (non-condensing)

Trouble shooting

Problems	Solutions
Messages cannot be transmitted.	<ol style="list-style-type: none">1. Check if the communication is normal according to status of LED HL4 and HL5.2. Check if the connection is correct according to Fig. 1.3. Check addresses of control panels in turn.

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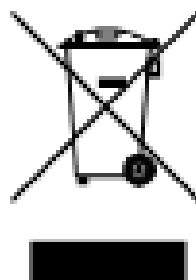
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