

GST-IFP2E

Intelligent Fire Alarm Control Panel



Description

GST-IFP2E is an intelligent fire alarm control panel, which designed to fit small size projects, supporting maximum 2 loops or 484 devices. featured by powerful CPU and touchscreen, embedded Linux OS and a user-friendly interface. They are designed for making installation, operation and maintenance much easier than ever.

Features and Benefits

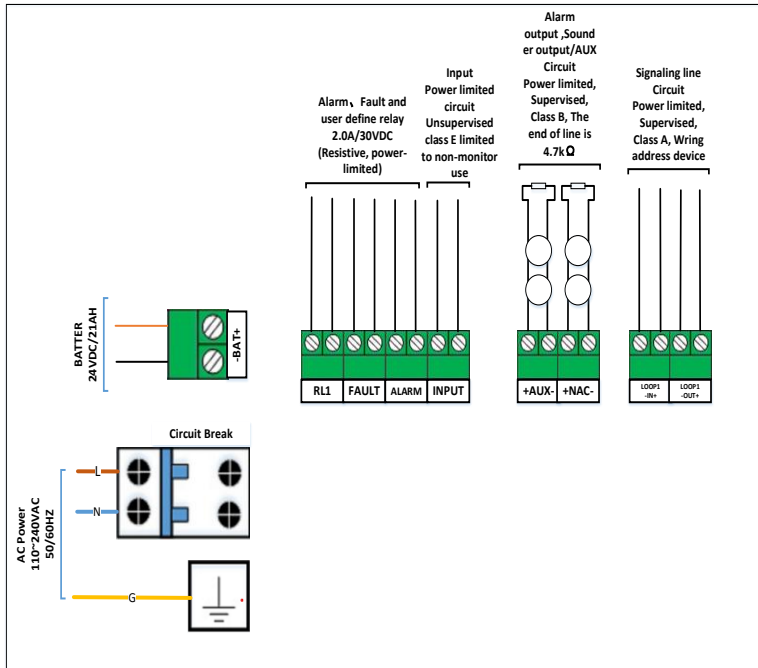
- 7-inch Touch Screen, 800 x 480 resolution
- Support 1-2 loops in Class A style (additional battery box is required if 6 loops fully loaded)
- 242 addressable devices per loop mixing various types of devices, Max. 484 addresses
- Max 3 ZCP panels ,each panel with individual programmable buttons & LED indicators.
- Max. 40 virtual zones
- Multi-language support
- Graphic Cause and Effect programing AND, OR, NAND,NOR logic, support virtual variable

- Auto learn panel hardware configuration and loop devices, device type mismatch notice
- Detector chamber dirty level reporting, adjust dirty level threshold
- History: 10,000 alarm events, 10,000 supervisory events and 100,000-other events capacity
- “Walk test”, silent or audible
- Type A Type B Positive Alarm Sequence
- E-mail notification
- USB port for loading project database and firmware update
- Programing via PC or panel keypad and touch screen
- Support USB dongle for securing project database

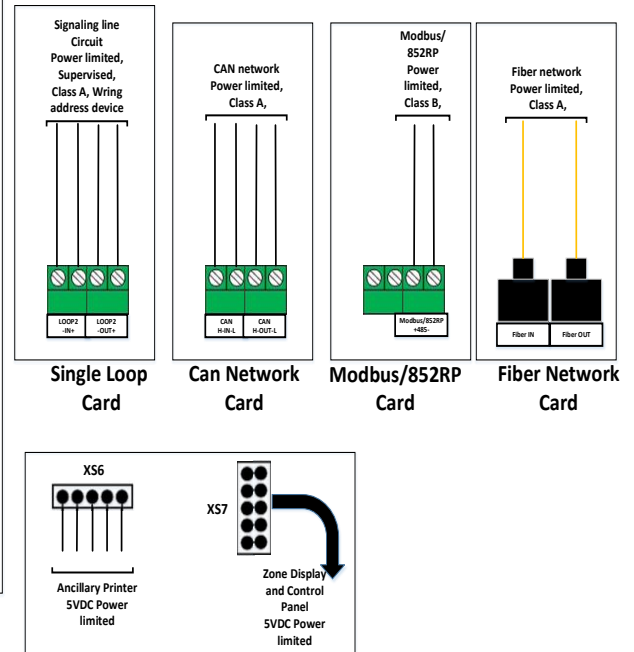
Recommended Cabling

Loop: Max. 1300m / 16AWG or 2000m / 14AWG
 Network: 2500m / 1mm² or 3000m / 1.5mm² for CAN class A
 Fire Alarm & Relay outputs: Min. 2.0mm²
 All cables should be fire rated and follow local codes

Basic System Connection



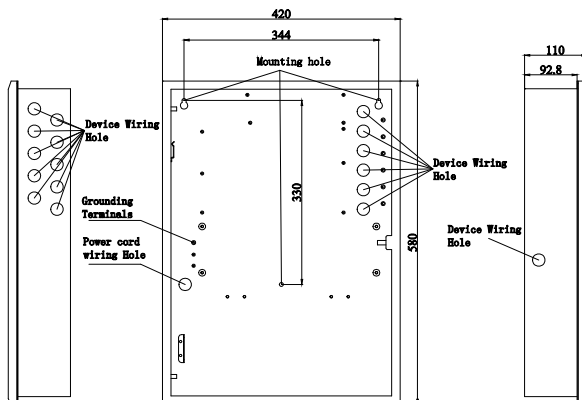
Power Interface Board



Indicator Board

Installation Data

GST-IFP2E can be flush-mounted or wall-mounted.



Compatible Devices

Detectors	DI-9101E, DI-9102E, DI-9103E, DI-9105, I-9101, I-9102, I-9103, I-9104, I-9105R, I-9602LW-NG/LPG, DI-9105Exd, DI-9104Exd, D-9107Exd
Manual Call Point	DI-9204E, DI-9204Exd
Modules	DI-9300E, DI-9301E, DI-9302E, DI-9305E, DI-9319E, I-9332, I-9333, I-9309, I-9300, I-9301, I-9303, I-9300S, I-9301S
Sounders & Strobes	I-9401N, I-9403, I-9404, C-9403, C-9404
Loop Isolators	DC-9503E, DC-9504E
Sounder Base	DI-9405, DI-9406

Technical Specification

Primary Supply	110VAC~230VAC, 50/60Hz, 0.6A~1.2A(Maximum Alarm)
Battery	Two 12V / 21Ah sealed lead-acid batteries in series
Loop Capacity	1 ~ 2 loops
Device Capacity	242 addresses per loop
Loop Parameter	Voltage: Nominal 24VDC Average current: 130mA Maximum alarm current: 400mA Maximum wiring resistance: 18ohms (each line)
Fire alarm and AUX outputs	Fire alarm and AUX outputs Class B, Power-limited Output Voltage: Nominal 24VDC Max. Current: Totally 1A
Input Rating	Maximum current: 1.7mA (short circuit)
Printer	Thermal, ASCII code printer
LCD Display	7" TFT touch screen, 800x480
Network Nodes	Max. 250 nodes for single connection Max. 240 panels for hybrid connection
PC Port	Ethernet/USB interface
Protection	IP30
Operating Environment	-5~50°C, ≤93% RH, non-condensing
Dimensions	420mm(W) x 580mm(H) x 110mm(D)
Weight	14.5kg

Accessories and Tools

Product NO.	Part NO.	Item Name
20104037	LC-200E	Single Loop Card
20104038	P-9967EA	CAN Network Card
20104039	P-9984EA	Fiber Network Card
20104040	P-9957E-Modbus	Modbus Card
20104041	P-9957E-RP	Repeater cards for passive repeater connection
8000002	TCP/IP Networking License	Networking License
20103584	P-9981E	Zone Display Panel, Bi-color LED x40
20103578	P-9981FE	Zone Display Panel, R-LED x20, Y-LED x20
20103582	P-9982E	Zone Display & Control Panel, Bi-color LED x40, Button x20
20103579	P-9982FE	Zone Display & Control Panel, R-LED x20, Y-LED x20, Button X20
10106273	GST-NR2EC	Network Repeater
10106274	GST-NR2EF	Network Repeater
20104169	PR-200	Thermal Printer

Certificates and Compliance

- Standards: EN54-2, EN54-4
- Certificate: CE-LVD/CE-EMC

Order Information

Part NO.	GST-IFP2E
Device Name	Intelligent Fire Alarm Control Panel
Product NO.	10107813