



► Model I-PSIU Series C

Informer Sensor Interface Unit

The Informer I-PSIU Series C provides multiple input/output interfaces to Federal Signal's alert and notification system. It can also interface to radio systems for voice message broadcast. The I-PSIU Series C is a network device with a 10/100 LAN interface, local digital voice messages, relay outputs and inputs for initiating devices; additionally, it stores local digital messages and programming information managed by Federal Signal Commander® control software. The new Series C models of the Informer SIU adds the ability to store pre-recorded messages on a removable micro-SD card.

An Informer I-PSIU Series C can also interface to radio systems to push digital messages over radio channels. This allows the same digital voice messages sent over giant voice systems to also be played over radio. Series C brings new features to the Informer family, MODBUS TCP PLC interface and standard SIP phone interface capabilities. MODBUS can be used to control the I-PSIU via this industry standard protocol so you can play messages and functions. SIP phone interface allows the I-PSIU to interface with SIP phone systems for live paging and optional siren control.

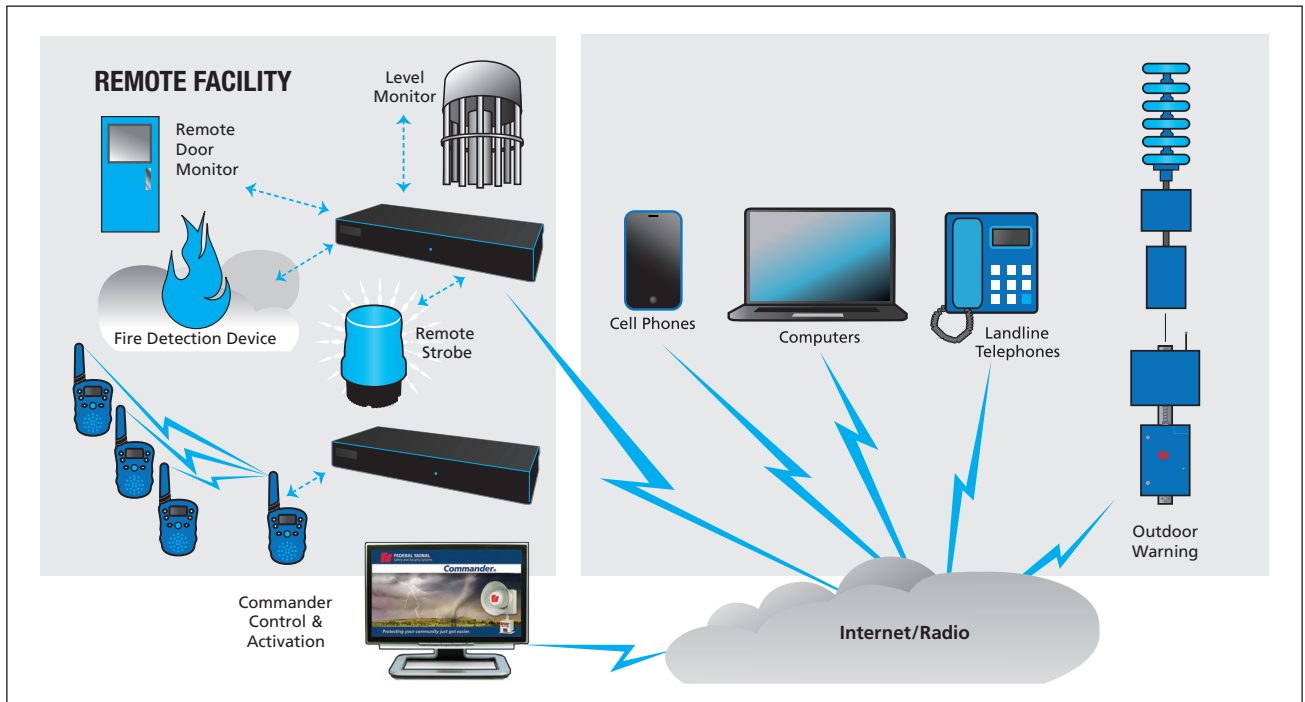
Each Informer I-PSIU has four independent relays with normally open and normally closed contacts to control external devices such as access control systems, strobes, lights and sounders. An RS232 port allows interface with digital message displays and the I-PSIU has 16 inputs which can be used to activate a broad range of capabilities.

The Informer I-PSIU is an ideal solution for large industrial complexes, healthcare facilities, schools, university campuses, office buildings, municipal facilities and other intelligent system applications.

FEATURES

- Ability to add external I/O interfaces to a Federal Signal Intelligent system or alerting and notification system
- 16 contact closure inputs to allow activation of messages or pre-programmed alerts or notifications
- Four output relays to control access controls systems, locks, lights, flashers, speakers, sirens, evacuation systems, etc.
- Radio interface for digital voice messages-to-radio communications (radio sold separately)
- 19" rack mount, wall or desk mount
- Compact size supports ease of deployment
- Small size with rugged construction
- Standard SIP phone interface
- Configurable via web browser interface
- Modbus® TCP PLC interface
- 17 hours of audio storage, 400 . Wav file capacity
- Power over Ethernet (PoE) or AC Powered
- RS232 port for driving an optional Scrolling Message Display
- Units are IP addressable individually, in groups or all at once
- Requires minimal network bandwidth and uses TCP/IP protocol
- Works with redundant Commander networks for reliable fail-safe operation
- Federal Commander software provides full two-way control and status monitoring of the Informer-IP. Commander is Windows 10®, Windows® Server 2012, 2016, and 2019 compatible
- UL and cUL Listed

Informer Sensor Interface Unit (I-IPSIU)



SPECIFICATIONS

Output:	4 N.O./N.C relays with Maximum Voltage 250VAC/30VDC maximum current 10A Wire size 16-26 AWG
Input:	16 – surge protected, optically-isolated inputs Wire size 16-24 AWG
Physical Dimensions:	1.7" (H) x 14.0" (W) x 6.4" (D) 43.5mm x 355.6mm x 163.6mm
Weight:	2.5 lbs / 1.1 kg
Shipping Weight:	4 lbs / 1.8 kg
Operating Temperature:	-22°F to +140°F / -30°C to +60°C
Humidity:	0 – 95%, non-condensing

HOW TO ORDER

Description	Part Number
I-IPSIU Sensor Interface Unit (Includes 19" rack mount and wall mounting)	I-IPSIU

OPTIONAL ACCESSORIES

Description	Part Number
Informer-IP Setup Wizard Software & Cable	I-IP-SW
Yellow Station with Momentary Contact – "EVACUATION"	PSEV-YM
Yellow Station with Momentary Contact and Sounder Cover – "EVACUATION"	PSEVSC-YM
Red Station with Momentary Contact – "EMERGENCY"	PSEM-RM
Red Station with Momentary Contact and Sounder Cover – "EMERGENCY"	PSEMSC-RM

Description

Kenwood NX Cable goes direct to I-IPSIU without the need for Universal Adapter Cable (17501574A)

I-IPSIU Universal Adapter Cable

Available radio interface cable options (one per radio required)

Motorola XTN/CP200/BPR40

Motorola HT 1000, XTS 5000

Kenwood (TK2170, TK2302V, NX-240V, NX-340U)

BENDIX KING

Motorola HT 1250 & Compatible

Icom F11S

Motorola CDM 750/1550/CM200/CM300 LS/PM400

Motorola Turbo XPR6550, APX7000 & Compatible

Motorola XPR 4550, ALL XPR Mobile

Motorola MCS 2000 DB25 Rear Connector

MACOM M7100

MACOM M7300

Kenwood TK-480, TK-5320

MACOM P7100 SERIES, MC-1527 PRYME

Kenwood TK5810

Kenwood TK790

Motorola Astro XTL 1500, 2500, 5000, APX7500

Hirose Plate Assy. w/male female extension

Part Number

17501602B

17501574A

864700073A

864700074A

864700075A

864700076A

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864700080A

864700081A

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