FEDERAL SIGNAL

15W IP-enabled Speaker

The Informer15 Speaker is a 15-watt, IP-enabled indoor and outdoor speaker. The Informer15 can be used as a warning and alert device with both audible and visual indicators. The audible capabilities include locally stored high-quality, high-powered tones and voice messages. The visual indicators include the use of message board/scrolling display sign support, strobes, lights, and beacons. The Informer15 can be equipped with up to four local initiation devices (switches) to activate the unit locally and to the Commander® controller for mass notification communications.

The Informer15 Speaker has an internal 15-watt amplifier/driver to deliver tone warnings and intelligible voice messages from Informer15 stored memory. The Informer15 also has several unique capabilities when working with the Federal Signal Commander software. Using Commander software, the Informer15 can play text-to-speech, stream WAV files or can broadcast live PA. In addition, Commander software can perform a talk/listen to individual Informer15's to allow call box type communications. The Informer15 also has remote volume control for optimizing sound levels across your alerting area. The remote volume control also includes an ambient-noise-monitoring capability to automatically adjust volume depending on external noise levels.

The Informer15 allows connection of up to four external switches to activate predefined alert events. The Informer15 can be programmed and configured as a standalone device to only use the inputs to activate the Informer15. This may be useful if the location has no network connectivity, but where voice and tone alerts from locally activated inputs is required. The Informer15 can be networked later and the activations can be brought into the Commander system for full system capability. When the Informer15 is networked using the Commander software, alerts initiated at the Informer15 can be used to activate other devices. The Commander software system can also alert emergency personnel via email, SMS, and hand-held radios using optional messaging software.

The Informer15 includes one output to control the visual indicator and output to activate external relay, which can be used to control external devices. The Informer15 has two 1/2-inch NPT opening on the bottom of the speaker for simple installation of pipe-mount devices. The openings allow access to LAN, open collector output, and activation inputs. The Commander system allows multiple configurations for activation of the open collector output or visual indicator during alerts.

The Informer15 is designed for outdoor use and large indoor structures. It is available in a PoE+(802.3 at) power via a local Ethernet model or in a 24Vdc model. All wiring interfaces are accessible via internal connectors and built-in NPT entrances for quick and easy installation.

APPLICATIONS

- Indoor and Outdoor Locations
- Loud Industrial facilities
- Muster or call Stations
- Weather alerting
- Campus or school alerting

- Food processing locations
- For use with video security systems
- Plant-wide alerting system
- Plant-wide Live-PA announcements

Standalone Mode

Attention this is an Alert...

Activation
Alert
Weather
Security
Maintenance

Networked

IP Network

Activation
Pushbutton

Activation
Live PA
Hotkeys

Portable Radio
Announcements

FEATURES

- Outdoor or indoor IP-enabled speaker for audible and visual alerts
- Speaker rated at 112 dB for tones and 107 dB for point noise at 10 feet
- Seven standard built-in warning signals: Wail, Steady, Alternate Wail, Alternate Steady, Pulsed Wail, Pulsed Steady, Auxiliary Chime
- Broadcasts live voice, text-to speech, and pre-recorded voice or tone files
- Deliver intelligible voice messages from locally pre-recorded files
- Pre-recorded files: up to 4000 messages with 17 hours of recording time
- Ambient-noise-level monitoring with automatic volume control
- Alerts can be sent to single devices, groups or zones, or all devices
- Wall mount
- Web interface for configuration
- Four local alarm initiation inputs, with configurable priority to activate unit locally or standalone operation Momentary mode: contact closure sounds alarm for programmed duration. Continuous mode: sounds alarm for duration of closure.

- One open collector output paired with 24 Vdc for controlling an external relay
- Integrated Modbus® TCP Industrial PLC interface for control and monitoring
- Integrated SIP phone interface for live PA, remote .wav file and function control using standard SIP phones.
- High-intensity LED lights that can be activated independently or with messages
- Models available with White, Red, Amber, Blue, and Green LEDs
- Wide variety of flash patterns
- Power over Ethernet using 802.3at PoE+ 25.5W
- 24 Vdc Power *024 models
- Wide operating temperature range
- US/Canadian ETL listed to UL std 60065

ADDITIONAL

Network Commander only Features:

- Each device can be remotely configured for volume and noise-level adjustments
- Speaker as microphone for talk-back feature
- Federal Signal Commander software provides activation, full two-way control, and status monitoring
- Optimal CommanderOne® cloud based control with mobile app
- Allows remote software upgrades

SPECIFICATIONS

- Input Voltage: Power of Ethernet (PoE+ 802.3at)
- Input Voltage: 24Vdc Power *024 models
- Input Current Draw: PoE+ 25.5 W
- Alarm initiating inputs: Four optically Isolated Inputs
- Audio Storage: Prerecorded files—up to 4000 messages with up to 17 hours of recording time
- Operating temperature range: -30°C to +65°C/-22°F to +149°F
- 13.9 inches x 10.2 inches x 10.0 inches / 35.3 cm x 25.9 cm x 25.4 cm
- Shipping Weight: Desk Mount 6.19 lbs / 2.81 kg

Capitol Electronics Manufacturer Representative

Wendy Justice
317.220.2318
wjustice@capitolelectronics.com

FEDERAL SIGNAL

▶ Model I-IP-IO & I-IPW Series B

Informer-IP, Two-Way
IP-enabled Intercom and Alarm Initiation Point

Federal Signal's long-standing Informer is now IP-enabled. The Informer-IP Series B can be used as a warning device, a two-way intercom and an alarm initiation point that connects to the Commander® On-Premise System. The B model of the Informer-IP removes support of the key fob and adds the ability to store pre-recorded messages on a removable micro SD card.

The Informer-IP's internal speaker microphone provide clear two-way intercom voice communications. Incoming warnings and alerts can be live voice, pre-recorded messages or tone files. Two different predefined alert events can be triggered from the Informer-IP Series B. Alert messages initiated from the Informer-IP Series B can be sent to emergency personnel via e-mail, text messages, phone, handheld radios; and can also be used to activate other Informer units and sirens.

The Informer-IP Series B features an audio output for connecting public address systems, two relay outputs for controlling strobes or other devices, and an RS232 port for driving a scrolling message display in order for the same message
that is heard over the speaker to simultaneously be viewed on the display. The Informer-IP provides the same tone and voice alerts available with Federal Signal's UltraVoice™ outdoor siren controllers for seamless indoor and outdoor mass notification.

The Informer-IP I-IP-IO model is designed for desktop use. Power options include an external AC transformer or PoE (Power over Ethernet). All wiring runs to accessible connectors on the back of the unit for quick and easy installation.

Also available is the Informer-IPW, which is designed to be wall mounted or recessed into the wall. All wiring is contained within an aluminum case and five pre-punched, easy-to-remove conduit holes are available to facilitate wiring connections into and out of the unit. The case has top mounting holes and is pre-wired for the LP1 strobe option.
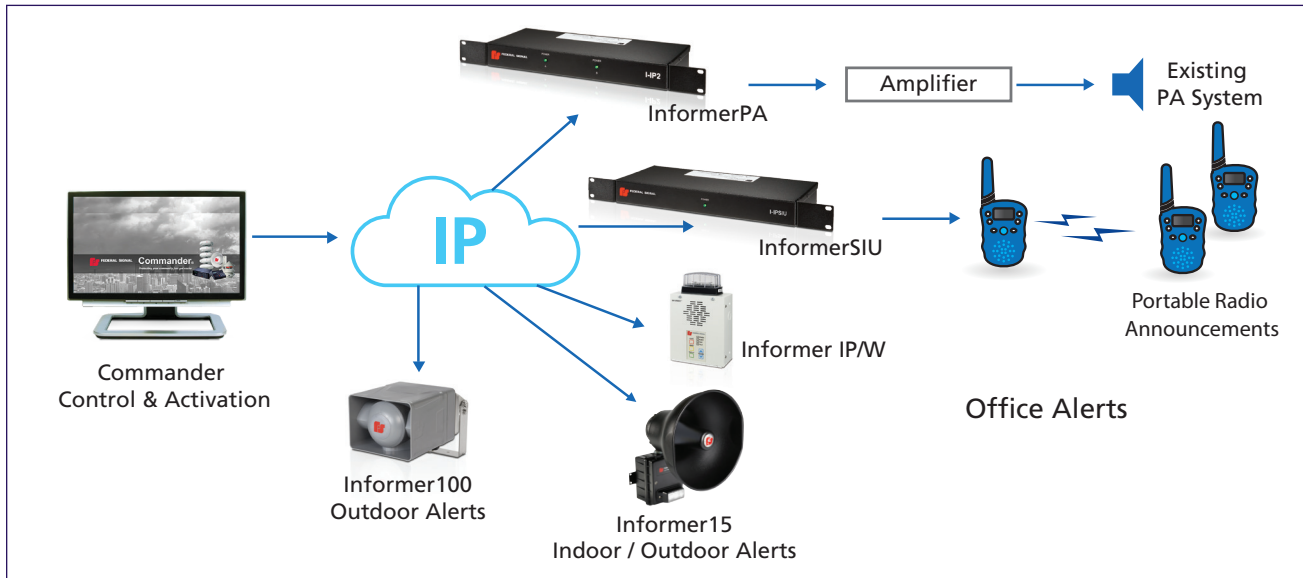
Schools, hospitals, police and fire stations, government facilities and industrial plants will find that the Informer-IP provides an unmatched value for their indoor alerting and notification needs.

FEATURES

- Two-way alerting and intercom capabilities
- Power over Ethernet (PoE) or AC powered
- Internal speaker rated at 80 dB @ 10-ft
- Receives live voice, text-to-speech and prerecorded voice or tone files
- Up to 4000 tone/voice messages via removable micro SD card

- Can be used as activation device
- Desk or wall mount models
- Panic button alarm
- US ETL Listed to UL Std 60065
- Canadian ETL Listed to UL Std 60065 for I-IPWB only

*Support for the I-Keyfob has been discontinued.

Informer-IP, Two-Way IP-enabled Intercom and Alarm Initiation Point

Commander
Control & Activation

InformerPA

Amplifier

Existing PA System

InformerSIU

Portable Radio Announcements

Informer IP/W

Office Alerts

Informer100
Outdoor Alerts

Informer15
Indoor / Outdoor Alerts

SPECIFICATIONS

- Tone and voice compatible with Federal Signal UltraVoice controllers
- Up to 4000 tone and/or voice messages via removable micro SD card
- Wired Ethernet, can be powered via PoE
- Input: 115 to 230VAC, 50/60Hz, 350mA maximum (I-IPWB) nominal 120VAC 60Hz (I-IP-IO)
- 80 dB speaker with adjustable volume control
- Speaker provides audio and microphone for two-way communications
- RS232 port for driving an optional Scrolling Message Display
- Two programmable relay outputs for controlling strobe lights or other devices (pre-wired for LP1 Strobe, I-IPWB)
- 600 Ohm audio output ties into existing PA, or external speaker
- Works with redundant Commander networking for reliable fail safe operation
- Complies with FCC Title 47, Part 15 and UL 60065
- I-IPWB complies with CAN/CSA-C22.2 No. 60065
- Commander software provides control and status monitoring of the Informer-IP.

External push button activation

A flush mount kit is included for recessed applications as shown.

HOW TO ORDER

Description	Part Number
Informer-IP Desk Mount	I-IP-IO
Informer-IP Wall Mount	I-IPW

Informer-IP requires Federal Signal Commander application software

There is a programming fee associated with Informer-IPs programmed at the factory. Contact your local representative for a quotation.

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
12VDC Strobe (can be powered by internal power supply for I-IPWB)	LP1-012*

*(A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red (I-IPW only)

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FEDERAL SIGNAL

▶ Model RF100H and RF100U

UltraVoice® Compact Siren/Speaker

Federal Signal is introducing a new innovative compact siren/speaker system. The RF100 is an addition to our current family of outdoor and indoor warning products. These warning products can work together as an integrated system or standalone for special applications. As an integrated system, the RF100 includes an UltraVoice® control board which performs the same functions as our full line of UltraVoice products. The RF100 can deliver the same high quality voice announcements as our Modulator and DSA speaker systems. As a standalone device, the RF100 can be activated from an RF control point using 2-tone, DTMF, or Federal Signal's line of digital encoders. The RF100 includes inputs for local activation and remote activation of other warning system devices. The RF100 uses our NEMA4x siren/speaker enclosure which contains a 2-way radio for control and supervision. In addition, a high powered amplifier, power supply and UltraVoice control board are contained within the enclosure.

The RF100 is powered from 120/240 Vac or 24 Vdc. The siren/speaker can be ordered with either a VHF or UHF radio. An external antenna connection provides RF communication to our complete line of system control products including the SS2000+ web enabled controller, our Commander PC controller (Commander®), and our cloud based controller (CommanderOne®) with severe weather auto-activation capabilities. The RF100 has built-in high powered siren tones and can store digital voice or tone messages and can provide live PA. The RF100 provides outputs to drive external devices such as strobes or LED signaling devices. When powered by 24 Vdc the AC outputs are non-functional. The RF100 can be combined with DS100 amplified speakers to provide increased sound levels in one or multiple directions. The RF100 is a flexible and unique product. Contact Federal Signal sales to discuss your application.
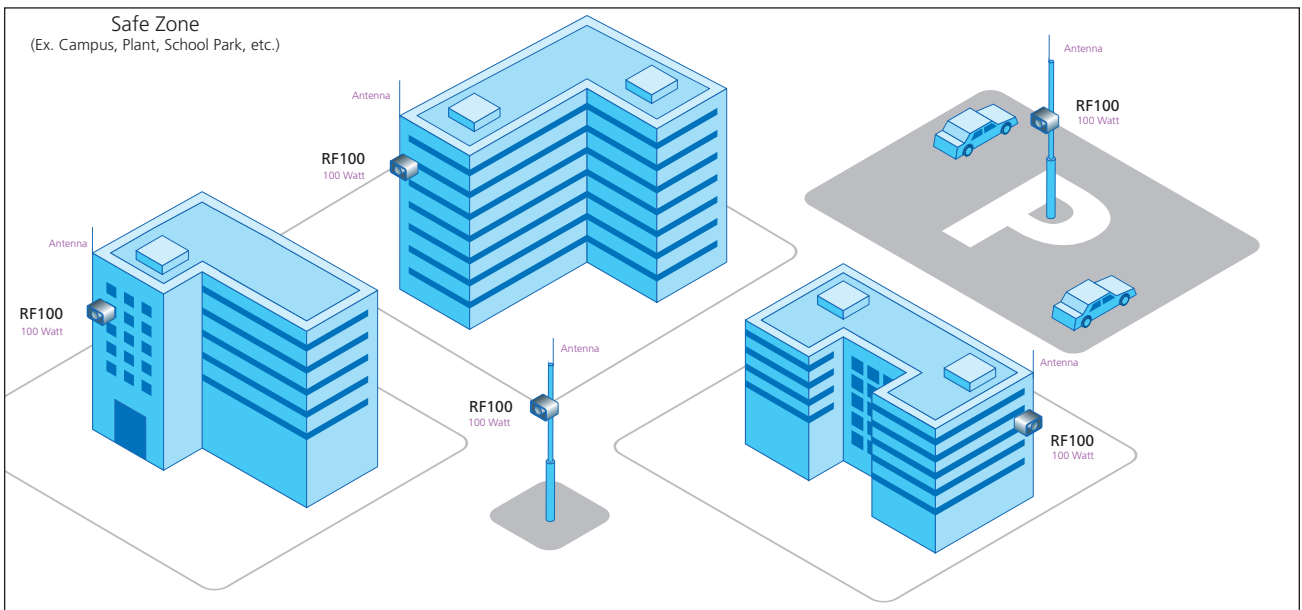
APPLICATIONS

- Campus and schools for general notifications, active shooter and severe weather announcements
- Industrial facilities for chemical release, security and evacuation purposes
- Municipal locations where small systems may be preferred
- Park and recreation areas for severe weather announcements
- Fairgrounds for general and security announcements

- Tsunami Evacuation zones where smaller systems are required
- Construction sites for general announcements
- Notifications for locations requiring temporary announcements
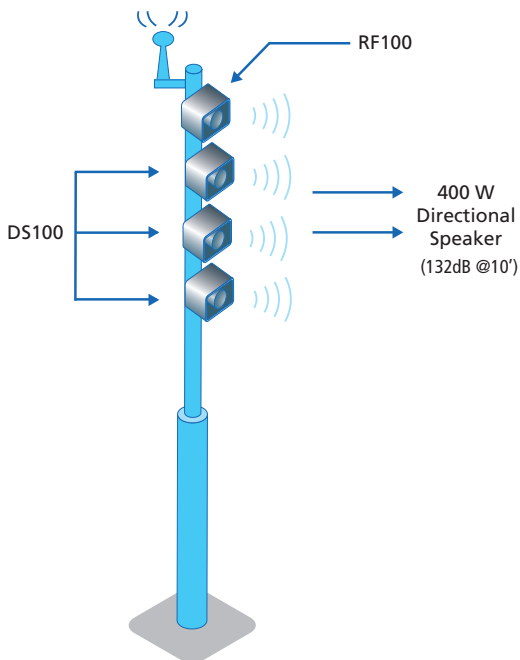- Economically extend warning coverage area to remote locations

FEATURES

- Compact self-contained siren/speaker
- Small size with rugged NEMA4x construction
- Secure communications using Commander 128/256 bit encryption
- Integrated UHF or VHF 2-way radio – requires external antenna
- Locally or remotely activated
- Supervised using Commander 2-way
- Outputs to drive external devices i.e. strobes
- Configurable volume control

- Programming over the air
- Inputs for standalone and remote pushbuttons
- Flexible mounting arrangements including:
    - Wall/ceiling mount standard
    - Small or large pole mount options
    - Omni-directional mount option
- Combine with DS100 for multi-direction system
- Powered from 120/240 Vac or 24 Vdc
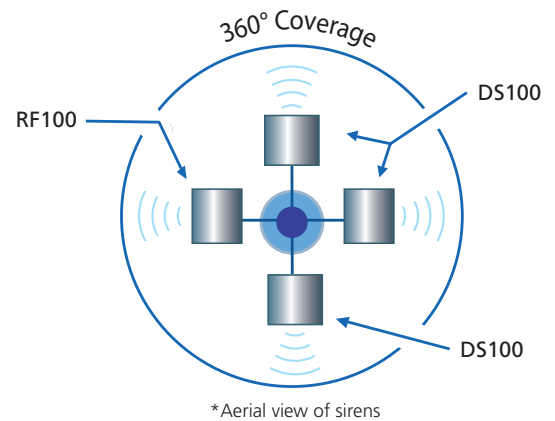
Compact Siren/Speaker (RF100)

Safe Zone
(Ex. Campus, Plant, School Park, etc.)

Antenna

RF100
100 Watt

S P E C I F I C A T I O N S

- Maximum Sound Pressure Level 120 dB (± 2 dB) @ 10' (130 dB (± 2 dB) @ 1 m) @ 100 W
- Operating Temperature: -40°F to 140°F / (-40°C to 60°C)
- DTMF, MSK, 2tone or EAS decoders
- AES and time encryption
- Seven standard warning signals
- 4000+ digitally stored voice/tone messages
- Four, 1 Amp, AC powered solid state relay outputs
- One 5 Amp, DC powered solid state relay output
- Small size with rugged construction (W x L x D) 9.4 in x 8 in 12.6 in (239 mm x 203 mm x 320 mm)
- RF100 Net Weight: approx. 21 lbs

H O W   T O   O R D E R

Description	Part Number
Radio Controlled Siren/Speaker (UHF)	**RF100U**
Radio Controlled Siren/Speaker (VHF)	**RF100H**
Omni Antenna (x = frequency dependent)	**OMNI-X**
Antenna bracket pole	**AMB-P**
Antenna bracket wall	**AMB-W**
Small (6" or less) Pole Mount Bracket	**I-IP100-PM**
Large (over 6") Pole Mount Bracket	**I-IP100-PMW**
Omni Directional option for speaker	**I-IP100-OMNI**

RF100

DS100

400 W
Directional
Speaker
(132dB @10')

360° Coverage

RF100

DS100

DS100

*Aerial view of sirens

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FEDERAL SIGNAL

▶ Model I-IPSIU Series C

Informer
Sensor Interface Unit

The Informer I-IPSIU 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-IPSIU 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-IPSIU 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-IPSIU via this industry standard protocol so you can play messages and functions. SIP phone interface allows the I-IPSIU to interface with SIP phone systems for live paging and optional siren control.
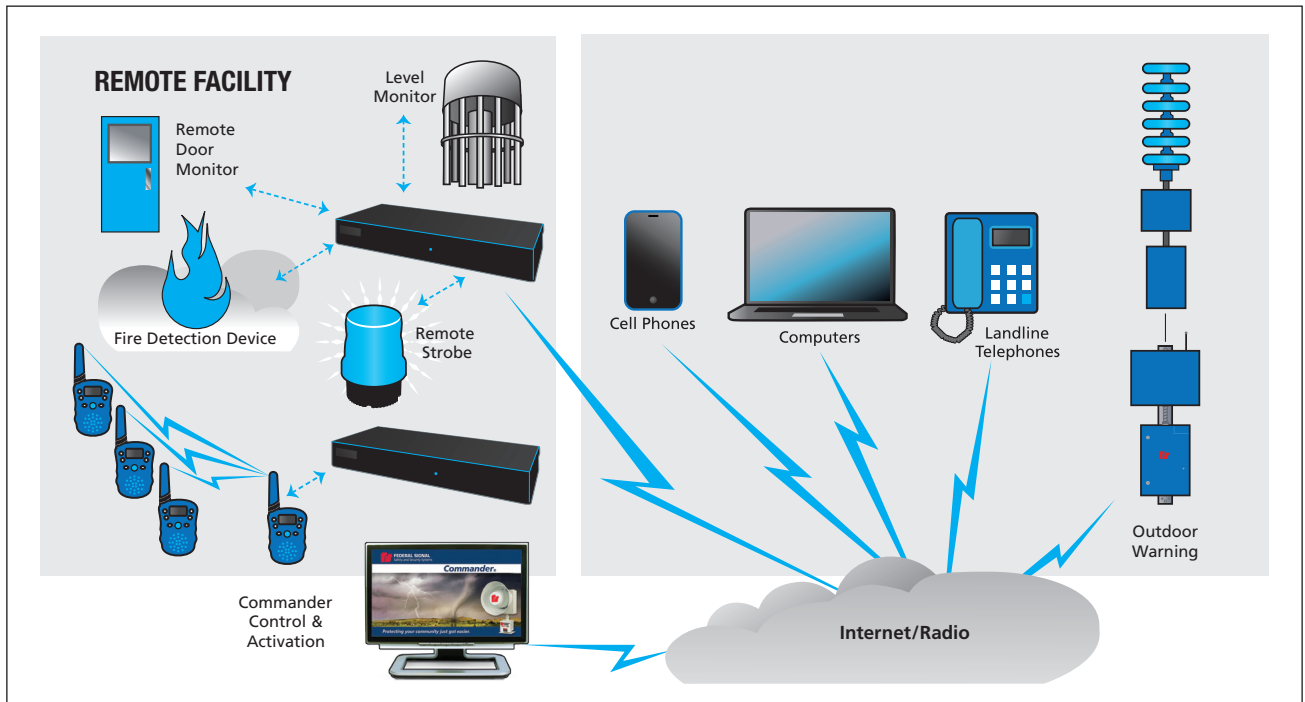
Each Informer I-IPSIU has four independent relays with normally open and normally closed contacts to control external devices such as access control systems, strobes, lights and sounders. An RS232 port allows interface with digital message displays and the I-IPSIU has 16 inputs which can be used to activate a broad range of capabilities.

The Informer I-IPSIU 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

Modbus
MEMBER

Informer Sensor Interface Unit (I-IPSIU)

REMOTE FACILITY

Remote Door Monitor

Level Monitor

Fire Detection Device

Remote Strobe

Commander Control & Activation

Cell Phones

Computers

Landline Telephones

Outdoor Warning

Internet/Radio

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	Part Number
Kenwood NX Cable goes direct to I-IPSIU without the need for Universal Adapter Cable (17501574A)	**17501602B**
I-IPSIU Universal Adapter Cable	**17501574A**
Available radio interface cable options (one per radio required)	
Motorola XTN/CP200/BPR40	**864700073A**
Motorola HT 1000, XTS 5000	**864700074A**
Kenwood (TK2170, TK2302V, NX-240V, NX-340U)	**864700075A**
BENDIX KING	**864700076A**
Motorola HT 1250 & Compatible	**864700077A**
Icom F11S	**864700078A**
Motorola CDM 750/1550/CM200/ CM300 LS/PM400	**864700080A**
Motorola Turbo XPR6550, APX7000 & Compatible	**864700081A**
Motorola XPR 4550, ALL XPR Mobile	**864700082A**
Motorola MCS 2000 DB25 Rear Connector	**864700083A**
MACOM M7100	**864700084A**
MACOM M7300	**864700085A**
Kenwood TK-480, TK-5320	**864700086A**
MACOM P7100 SERIES, MC-1527 PRYME	**864700087A**
Kenwood TK5810	**864700103A**
Kenwood TK790	**864700104A**
Motorola Astro XTL 1500, 2500, 5000, APX7500	**864700105A**
Hirose Plate Assy. w/male female extension	**864700136A**

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FEDERAL SIGNAL

▶ Model I-IP100AC and I-IP100DC

Informer100 Speaker

Federal Signal's Informer product line now includes an IP-enabled high-powered outdoor speaker. The Informer100 Speaker can be used as a notification device using tones and/or voice. Pair this model with a Federal Signal Commander® system for additional capabilities; for instance, it can be equipped with up to four local alarm initiation devices to activate the unit locally and to activate the Commander controller for mass notification communications.

The Informer100 Speaker has an internal 100 watt amplifier and driver to deliver intelligible voice messages from pre-recorded files or from the Federal Signal Commander VOIP network system. Ambient Level Monitor enables speaker to automatically adjust speaker volume in relationship to ambient noise level. It also has remote volume control for optimizing sound levels across your alerting area.

Notifications and alerts can be live voice, text-to-speech, pre-recorded messages and/or tone files. When used with optional notification software, alert messages initiated from the Informer100 Speaker can be sent to emergency personnel via email, SMS, hand-held radios; and can also be used to activate other Informer units and sirens.
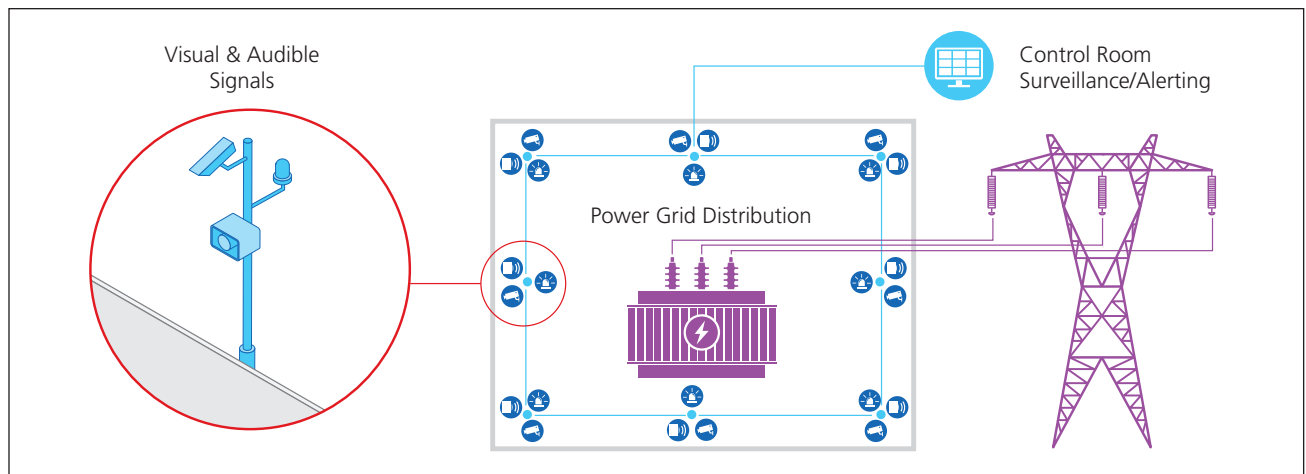
Informer100 Speaker includes two relay outputs for controlling strobes or other devices. It's designed for outdoor use or large indoor structures; and available in 24VDC or 120/240VAC. All wiring interfaces accessible via internal connectors for quick and easy installation.

The Informer100 Speaker is an ideal solution for existing notification systems where lack of coverage exists and the unit can be used as a call station where emergency alert buttons are required.

FEATURES

- Indoor/Outdoor IP enabled speaker with high powered voice and tone
- Available in 24VDC or 120/240VAC
- Ambient SPL monitor with automatic volume control
- Remote volume control
- Broadcasts live voice, text-to-speech and prerecorded voice or tone files
- Integral 100 watt amplifier and Ethernet interface simplifies installation
- Optional scrolling message display
- Remote firmware updates over Ethernet

- 15 minute audio storage, with up to 250 .WAV files
- Fully supervised using Commander software
- Wall or pole mount available
- Four initiation inputs, i.e. Panic button alarm or non-networked stand alone mode
- Optional visual LED or strobe alerting devices available*
- NEMA 4X outdoor rated
- UL and cUL Listed
- UL Marine Rated

* Must use visual device rated 2A or less

Informer100 Speaker (I-IP100)

Visual & Audible Signals — Control Room Surveillance/Alerting — Power Grid Distribution

SPECIFICATIONS

- Operating Temperature: -40°F to 104°F / (-40°C to 40°C)
- Two Relay Outputs rated at 8A @ 240VAC. Relay outputs can be programmed to cycle on and off, or come on continuously with the on time, off time, and total-time being programmable. They can also be programed to control strobe lights or other devices
- Tone and voice compatible with Federal Signal Commander and UltraVoice controllers (Requires Commander version 14.8.x or higher)
- Small size with rugged construction 7 in x 9 in 10 in (178 mm x 229 mm x 254 mm)
- Input: 24VDC, 5.15A maximum 120/240VAC, 50/60Hz, 1.5A/.78A maximum
- Maximum Sound Pressure Level 120 dB (± 2 dB) @ 10' (130 dB (± 2 dB) @ 1 m)

- Wired Ethernet
- Adjustable volume control and ambient noise monitoring with auto-level adjustment
- Wall or pole mount options
- Up to four direct wire input for customer supplied panic button alarm
- Requires minimal network bandwidth and uses TCP/IP protocol
- Works with redundant Commander network servers for reliable fail-safe operation
- Federal Signal Commander software provides full two-way control and status monitoring of the Informer100
- I-IP100DC Net Weight: 16.2 lbs 7.35 kg
- I-IP100AC Net Weight: 19.2 lbs 8.71 kg

HOW TO ORDER

Description	Part Number
24VDC 100 watt wall mount	I-IP100DC
120/240VAC 100 watt wall mount	I-IP100AC
Small (6" or less) Pole Mount Bracket	I-IP100-PM
Large (over 6") Pole Mount Bracket	I-IP100-PMW
Omni Directional Option for IP Speaker	I-IP100-OMNI

Informer100 Speaker requires Federal Signal Commander application software (sold separately)

Informer100 Speaker can be field configured or factory pre-configured to customer requirements. Contact your local representative for a quotation.

SERVICE PARTS

Description	Part Number
IP Controller Service Part	Q-20000314
AC Speaker Service Part	Q-IP100AC
DC Speaker Service Part	Q-IP100DC

OPTIONAL ACCESSORIES

Description	Part Number
Indoor Yellow Station – Push & Turn Reset Button "EVACUATION"	PSEV-Y
Indoor Yellow Station – Push & Turn Reset Button "EVACUATION"; with Sounder Cover	PSEVSC-Y
Indoor Red Station – Push & Turn Reset button "EMERGENCY"	PSEM-R
Indoor Red Station – Push & Turn Reset button "EMERGENCY"; with Sounder Cover	PSEMSC-R
4-button push station (Indoor)	PBS-4
Hazardous Location LED Light 24VDC	225XL-024X[1,2]
Hazardous Location LED Light 120-240VAC	225XL-120-240X[1,2]

[1] "X" Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green, and (R) Red

[2] The light is powered from the same source as the speaker

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FEDERAL SIGNAL

▶ Model I-IPTEL1

IP Phone for Intelligent Systems

I-IPTEL1 is a high quality IP phone that supports VOIP, Intercom, SIP, and pre-set buttons for alert notification. The IP Phone can be included on an existing SIP phone system or the phone and speakers can be used in an isolated flat IP network. This IP phone supports RTP multicast and DTMF activation of pre-recorded sirens/pre-recorded voice messages on the Federal Signal IP series of devices. The phone is easily configurable for pre-set buttons to allow ease of dialing and activations. When used with the Federal Signal line of IP based speakers, a low-cost alerting system can be configured for industrial and campus environments. An IP phone can call individual speakers for Live Public Address and then use DTMF keypad to activate pre-recorded voice or siren tones. The phone can multicast Live PA directly to a multicast group of speakers and then multicast DTMF control commands to speakers for activation of pre-recorded voice messages or siren tones. This allows creation of zones for wide area or specific notification groups. Multiple phones can be used to create a multi-location control and activation points. Phones can be configured to allow direct SIP calls between phones and speakers without a SIP server.

The phone can be powered via POE or from an (included) external power supply. The IP phone has 3 color displays for ease of use. Each button can be configured for name and color. The phone has high definition audio on the handset and speakerphone. The phone is configurable for 19 different languages.

The Federal Signal line of Informer® IP Speakers has internal amplifier/driver to deliver tone warnings and intelligible voice messages from stored memory. The Informer IP Speaker also has remote volume control for optimizing sound levels across your alerting area. The remote volume control also includes an ambient-noise-monitoring capability to automatically adjust volume depending on external noise levels.
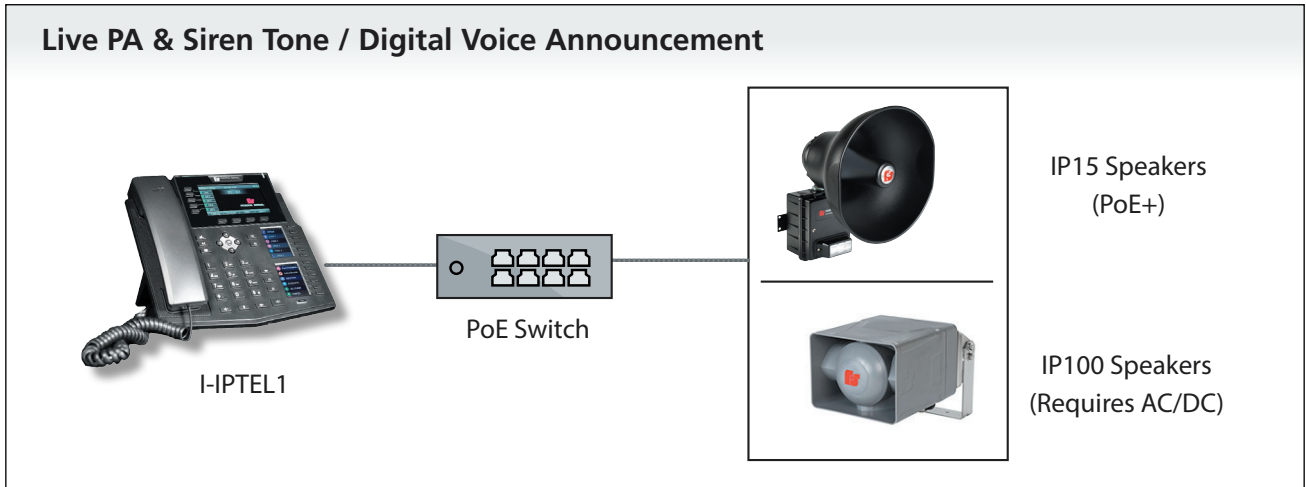
Informer IP Speaker allows connection of up to four external switches to activate predefined alert events. The Informer IP Speaker can be programmed and configured as a standalone device to only use the inputs for activation. This may be useful if the location has no network connectivity, but where voice and tone alerts from locally activated inputs is required. The Informer IP Speaker can be networked later for additional functionality.

FEATURES

- Over 60 programmable buttons
- Phone to phone dialing without SIP Server
- Phone to Speaker Live PA
- Ability to activate pre-recorded voice or siren messages
- Fully functional with IP15 and IP100 speakers
- Static IP or DHCP

- Configurable from web page
- Multicasts DTMF to control Federal Signal IP products
- Desktop stand
- Ability to sync with NTP time clock

APPLICATIONS

- Indoor and outdoor locations
- Muster or call stations
- Campus or school alerting
- For use with video security systems
- Plant wide Live-PA announcements

- Loud industrial facilities
- Weather alerting
- Food processing locations
- Plant wide alerting System

IP Phone for Intelligent Systems

Live PA & Siren Tone / Digital Voice Announcement

I-IPTEL1

PoE Switch

IP15 Speakers (PoE+)

IP100 Speakers (Requires AC/DC)

SPECIFICATIONS

- Physical LAN Port: Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Configuration: Static IP / DHCP
- Power Consumption (PoE): 10.46W maximum
- Power Consumption (AC Adapter): 9.13W maximum
- DC Power Input: 5V/2A max (included)
- Working Temperature: 0°C to 45°C
- Working Humidity: Up to 95% Non-condensing
- Installation: Desktop Stand
- Handset/Hands-free-/Headset mode
- Device Dimensions:

  Desktop Stand (Angles 1): 9.4 x 7.8 x 7.3 in (239 x 199.3 x 185.8 mm)
  Desktop Stand (Angles 2): 9.4 x 7.4 x 7.7 in (239 x188.5 x195.6 mm)

HOW TO ORDER

Description	Part Number
IP Phone with 60 Programmable Buttons	**I-IPTEL1**
IP15 Speaker	**See www.fedsig.com**
I-IPIO*	**See www.fedsig.com**
I-IPW*	**See www.fedsig.com**
I-IP2	**See www.fedsig.com**
I-IPSIU*	**See www.fedsig.com**

* Requires Series C Model

US - 2645 Federal Signal Dr., University Park, IL 60484 | Tel: +1 708.534.3400 | 1.800.548.7229 | Email: customersupport@fedsig.com | www.fedsig.com

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