FEDERAL SIGNAL

▶ Model I-IP100ACX and I-IP100DCX

Hazardous Location 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, 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. The AX models include an updated NIC to improve connection time, device password management and network set-up.

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 for Class I, Division 2; Class II, Division 2; Class III
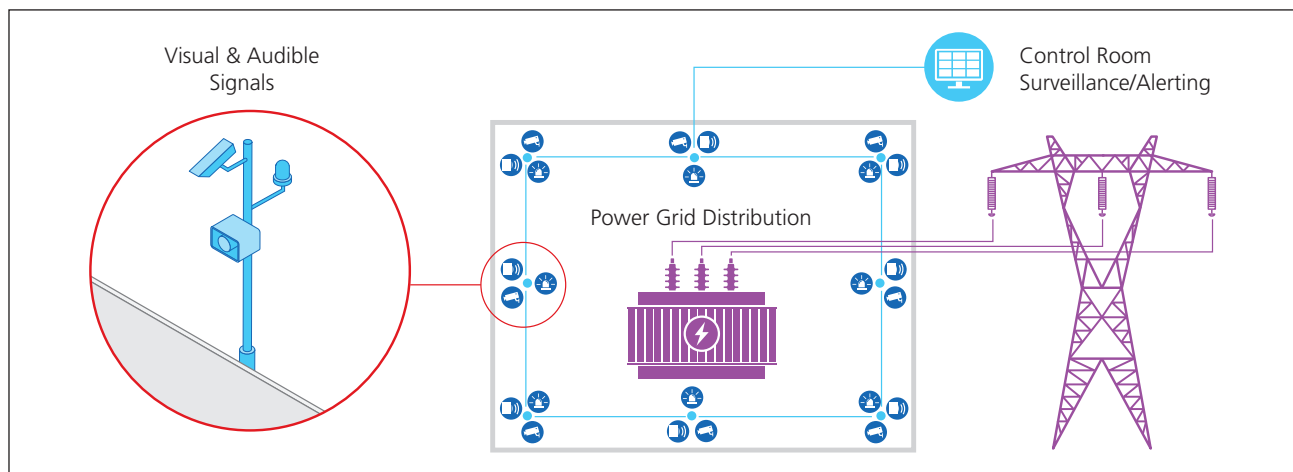- UL Marine Rated

* Must use visual device rated 2A or less, and must be rated for use in a Hazardous Location

HAZARDOUS LOCATION RATING: I-IP100ACAX and I-IP100DCAX

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, ˚C

Hazardous Location	40˚C
Class I, Division 2, Groups A, B, C, D	T5
Class II, Division 2, Groups F, G	T6
Class III	T6

Hazardous Location Informer100 Speaker (I-IP100ACX, I-IP100DCX)

Visual & Audible Signals

Control Room Surveillance/Alerting

Power Grid Distribution

- 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-IP100DCX Net Weight: 16.2 lbs 7.35 kg
- I-IP100ACX Net Weight: 19.2 lbs 8.71 kg

HOW TO ORDER

Description	Part Number
24VDC 100 watt wall mount	I-IP100DCX
120/240VAC 100 watt wall mount	I-IP100ACX
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.

OPTIONAL ACCESSORIES

Description	Part Number
Hazardous Location LED light 24 VDC	225XL-024X[1,2]
Hazardous Location LED light 24 VDC 120-240 VAC	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

SERVICE PARTS

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

Commander is a registered trademark of Federal Signal Corporation.

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