

FireNET GO Wireless Module Interface

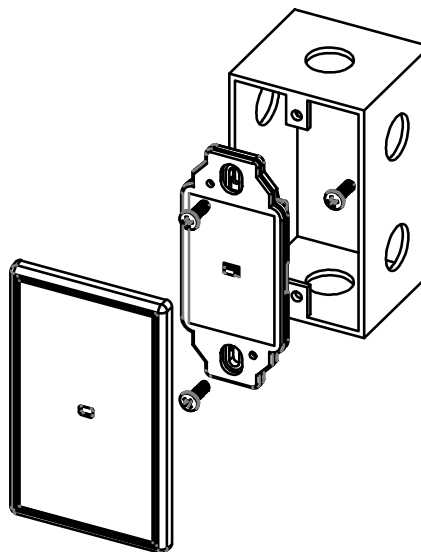


OPERATION

The SG-MONITOR features advanced NFC communication via the Hochiki America NFC Android app, offering a faster, more intuitive way to program devices—no wires, no hassle. Simply tap your NFC-enabled smartphone to the module's faceplate to access powerful configuration tools, whether the device is powered or not. Mobile programming streamlines installation by eliminating the need for handheld programmers or direct wiring, reducing labor time and on-site errors. Installers can easily assign addresses, secure devices with password protection, verify manufacturer authenticity, and review installation details—all from a single mobile interface. The SG-MONITOR even supports legacy device emulation, ensuring seamless integration with existing systems.

STANDARD FEATURES

- No Wires, No Power Required
- Faster Installation
- Simple Tap-to-Pair
- Enhanced Security
- Built-In Manufacturer Authentication
- Real-Time Access to Device Info
- Legacy Support



Specifications subject to change without notice.



FireNET GO Wireless Module Interface

Caution

IF THIS MODULE WILL BE INSTALLED IN AN EXISTING OPERATIONAL SYSTEM, INFORM THE OPERATOR AND LOCAL AUTHORITY THAT THE SYSTEM WILL BE TEMPORARILY OUT OF SERVICE. DISCONNECT POWER TO THE CONTROL PANEL BEFORE INSTALLING THE MODULE.

Wiring distance limits

Maximum Distance Between Module and EOL Device

14 AWG	1500 Ft.
16 AWG	900 Ft.
18 AWG	550 Ft.

SG-monitor specifications

Supply Voltage	Max Rated SLC Voltage (HI)	41 VDC
	Min SLC Voltage (LO)	17 VDC
	SLC Pulse Voltage	7-9 VDC
Current Consumption	Standby	600 μ A (Ave)
	Alarm	1,000 μ A (Ave)
	Alarm LED (additional)	5,000 μ A
	Inrush	\leq 30 mA (30 ms Max)
EOL Device	10K Ω ; 1/4W	
Operating Temperature Range	0°C ~ +49°C	
Storage Temperature Range	-30°C ~ +70°C (<80% RH at 60°C)	
Relative Humidity	95% RH	
Dimensions	1.8"W x 4.2"H x 1.0"D for Gang Box Mounting	
LED Indicator	Green Flashing – Normal Polling	
	Red Flashing – Device Initialization / Input Activated	
	3.4 oz.	

WIRING:

All wiring must conform to local codes, ordinances and regulations.

Top-side knockouts should be protected from debris entry when conduit is not used.

- 1) Install wiring in accordance with job drawings and appropriate wiring diagram.
- 2) Secure the module to a U.L. listed electrical box (supplied by installer).

Radio Frequency Interference and Electro-Magnetic Interference are sources of noise that can adversely affect the fire alarm systems installation. Avoid running SLC circuits in the same conduit as power lines. Utilize twisted pair and shielded wire in environments where excessive noise is expected. When installing fire alarm system devices, avoid placing devices or wiring close to potential noise sources such as:

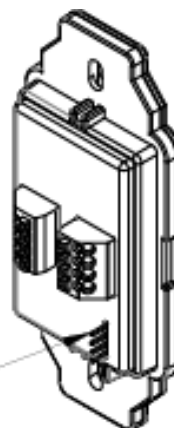
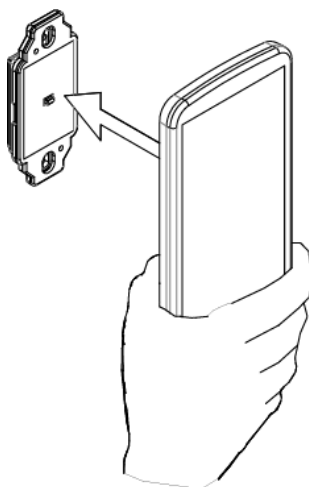
- Transmitters or antennas
- Ballast lighting
- Electrical motors
- Large power transformers
- Large machines

An average of 6.75mA (communication current) per loop of SLC devices must be factored into the panel battery backup calculations

NFC Near Field Communication Operation:

The SG-MONITOR is equipped for NFC communication using the Hochiki America NFC Android application. NFC pairing is automated by positioning the NFC enabled mobile device against the module front or faceplate. NFC operations can be performed on power or unpowered devices. The NFC interface allows for:

- Addressing
- Device Password Protection
Overriding Default password will protect all NFC configuration operations
- Manufacturer Authentication
Authentic ID will be displayed automatically on pairing
- Viewing Installation Information
- Confirming Device Status
- Emulating Legacy Devices
FRCMA
FRCME-M
FRCME-P
DIMM
- *Firmware Upgrades*



Addressing can also be performed by the TCH-B100 / TCH-B200 Programmer via the rear programming header.