

TECHNICAL BULLETIN

Installation Instructions for GSM Dialer Solution

The information contained in this document is to be used as a quick reference guide. For detailed system information, please refer to the FACP Installation & Operation Manual and Telguard TG-7FS Installation Manual.

General Description:

Alarms and other information may be transmitted from a FireNET panel over the digital cellular network to the designated monitoring station.

This Installation Instruction Guide describes the connection between FireNET with FN-DAC, FireNET Plus with built-in dialer and TG-7FS.

Specification:

FN-DAC: Hochiki Part # 0100-04620

Supply Voltage	24VDC
Current Consumption at 24VDC	140 mA
Output to Phone lines	Public Switch Telephone Network (PSTN)
Operating Temperature	32°F (0°C) ~ 120°F (49°C)
Dimension	5.48" x 7.48"

TG-7FS:

Supply Voltage	12VAC
Current Consumption at 12VAC	800 mA
Radio Transceiver	3G cellular radio, GSM 850MHz: Class 4, GSM 1900MHz: Class 1, UMTS WCDMA FDD 850/1900MHz
Operating Temperature	32°F (0°C) ~ 122°F (50°C)
Dimension	7.5" H x 11.5" x 3.5" D

Note: Please refer to the Telguard TG-7FS datasheet for detailed specifications on the above product.

Wiring Scheme:

When designing or installing FireNET with FN-DAC or FireNET Plus with built-in dialer and TG-7FS, always be aware of the following:

- ✓ TG-7FS must be installed in the same room as the FireNET or FireNET Plus Panel within 20 feet. Wiring must be enclosed in conduit or equivalently protected.
- ✓ FACP with Dialer must be programmed to send CID format signals to TG-7FS
- ✓ Connect a jumper from FN-DAC's or FireNET Plus Dialer Tip 2 to Tip 1 and Ring 2 to Ring 1, this is required for proper operation. Refer to Figure 1 & 2.
- ✓ Phone line cabling should be a standard RJ31X cable.
- ✓ Connect (T) RJ31X jack to a dedicated outside telephone line using RJ11 Telephone Cable. Refer to TG-7FS Installation Instruction for wiring details.

Wiring Diagrams:

FireNET 2127/4127 with FN-DAC

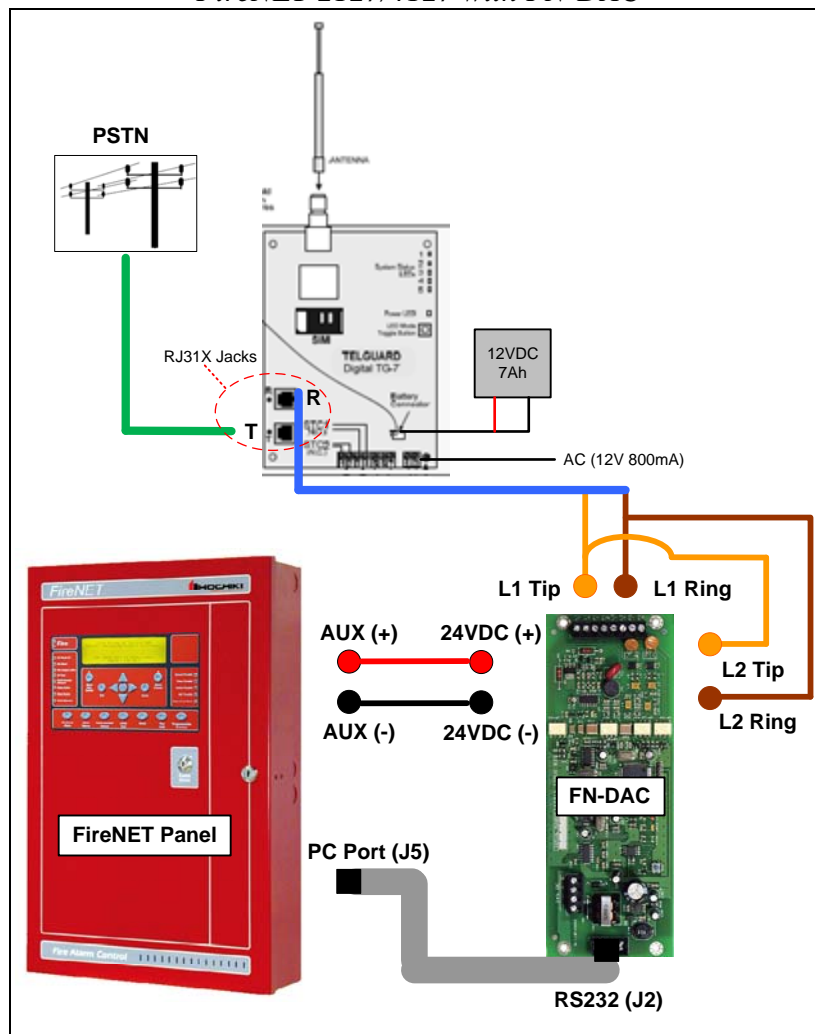


Figure 1

FireNET Plus with built-in Dialer

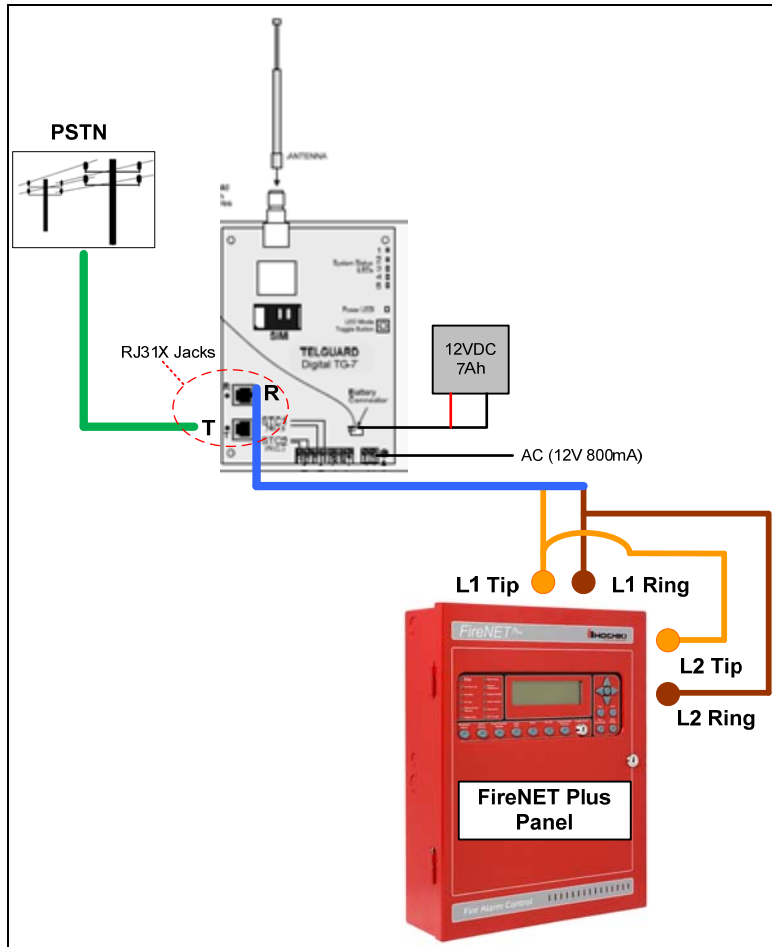


Figure 2

If you have any questions regarding this matter please contact Technical Support.

Technical Support
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