

# Patrolman Plus

## FI-5A-W Communicating Overhead FCI

The Patrolman Plus is designed for easy and efficient operation in power distribution networks, utilizing cellular networks to instantly transmit fault location and data back to the utility. These units are clamp-and-play, featuring built-in LTE connectivity and location through GPS, allowing for immediate use upon installation without additional equipment.

The Patrolman Plus provides flexibility in data management and integration. Users can monitor system status through a user-friendly online portal, customize fault alerts, and choose notification recipients via text or email. The device is also remotely configurable through the SGS Portal, enabling utilities to modify select settings based on application requirements.

The device also features line harvesting capabilities and replaceable batteries, significantly extending its field life while requiring minimal maintenance.

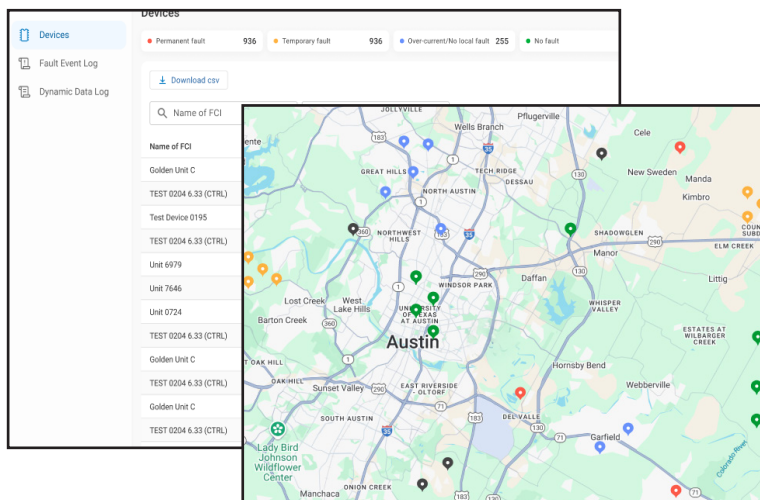


### Reporting Data

- Permanent & temporary faults
- Battery status
- Regular average & peak load values
- Connectivity & signal strength
- Routine check-ins to confirm status
- GPS location

### Connectivity

- Supports major network providers and private LTE
- 5 years of data included (optional)
- Secure connectivity through encryption and verified access



# SPECIFICATIONS



Means of Wireless Connectivity	Cat-M1 cellular through major providers and private LTE
Integration	Supports OMS/GIS/SCADA integration through common protocols
Trip Current Range	Auto-adjusting trip level with real time load tracking
Voltage Range	Suitable for all voltages up to 69 kV
Power Source	10.9 Ah lithium cells, replaceable *harvests power from the line when load is >20 A
Manufacturer's Warranty	5 years from date of purchase
Installation Diameter Range	0.3 in to 1.7 in (8 mm to 42 mm) *bare or covered conductors
Indication	<ul style="list-style-type: none"> <li>Cellular through major providers and private LTE</li> <li>High-intensity LEDs</li> </ul>
LED Flashing Options	<ul style="list-style-type: none"> <li>Option 1: fault - red flashing; low battery - yellow flashing</li> <li>Option 2: permanent fault - red flashing; temporary fault - yellow and red flashing; low battery - yellow flashing</li> </ul>
Accuracy	+/-5%
Auto Reset Time	<ul style="list-style-type: none"> <li>Customer specified (standard settings of 4 hr, 8 hr, or 24 hr)</li> <li>Separate reset times available for permanent and temporary faults</li> </ul>
Casing Materials	UV stable polycarbonate and potting compound
Current Transformer	Split-core corrosion resistant stainless steel
Temperature Range	-50°C to +85°C
Weight	22 oz (620 g)

## Part Number Selection

Device	Provider		Program		Reset Time		LED Differentiation		LED Type		Reset Type		Temporary Reset Time		Data Plan	
FI-5A-W	-1	Vodafone	S	Standard auto-adjusting response	04	4 hour reset	L	Permanent: Red; Temporary: Red.	R	Ultra bright LEDs	A	Time; Manual	-X	4 hour reset	-	5 years of data included
	-2	Verizon	E	Low current trip point	08	8 hour reset	T	Permanent: Red; Temporary: Yellow-Yellow-Red.	N	Low profile LEDs	B	Time; Manual; Current	-Y	8 hour reset	-ND	No data plan included
	-3	AT&T			24	24 hour reset							-Z	24 hour reset		
	-	No preference														

Additional configurations available. Contact your SGS sales representative or SGS directly to learn more.