

## IRXP ingress receiver



### Description about the product:

- Track down Ingress faster and easier.
- Reduce MTTR from days to hours.
- Enable collaboration with PNM tools
- Data upload to the CPAT WEB for post processing.
- Real-Time Ingress monitoring mobile application.

Newest member of CPAT Flex ingress detection platform, the strand-mounted Portable Ingress Receiver IRXP will detect, measure and localize ingress event data on a continuous basis from ITX2 field devices. The IRXP transmits the identified capture points to the CPAT WEB cloud application via an integrated cellular data connection, avoiding ISP implementation process of head-end ingress system. The IRXP enables the cable operator to reduce deployment time and focus on the find-and-fix equation immediately, diminishing subscriber downtime and hardening the HFC Outside Plant.

# SPECIFICATIONS

<b>IRXP</b>	
DETAILS	
Operating Frequency	6.78, 27.12 or 40.68 MHz
Measurement Range	-23 to 20 dBm
Sensitivity	-23dBmV (BER <10 <sup>-6</sup> ) (attenuator@0dB)
RF input type	1x "F" ohm female connector
Maximum input level	35 dBmV per RF input
Casing Rating	IPC 63
Level Accuracy	± 2dB on signal pulses
Monitoring Mode	Continuous detection on the signal RF port
Frame Capture Time	10 ms (milliseconds)
Power	7.2 V battery pack (Li-ion cells 4,400 mAh)
Mobile data Usage	Min. 375kB/hrs and Max. 850kB/hrs Ingress: 20% of time 565kB/hrs Usage 10h/day, 5day/week 110MB/Month
AC battery charger	Input: 100-240V ~50-60 Hz 0.7A Output: +12VDC 1.66 A Transient over voltage II rated pollution degree 2
Main Supply voltage fluctuations	Up to ±10% of the nominal voltage
Operation Time	8 hours nominal on battery power at 20°C/68°F
Operating Temperature	0° to +55°C / 32° to +131°F
Communications	Ethernet port RJ45, Cellular data Category M1/NB1, IOT data plan
Max. Relative humidity	80% for temperatures up to 31°C (88°F) decreasing linearly to 50% relative humidity at 40°C (104°F)
DETAILS	
Dimensions (H x W x D)	3.3cm X 11.2 cm X 22.3 cm/ 1.3 X 4.4 X 8.8
Weight	925g / 33 oz

*\*Specifications subject to change without prior notice.*

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