

IRXD Ingress Receiver



Description about the product :

- Track down Ingress faster and easier.
- 8 x 1Gb Ethernet input ports
- Monitors up to 125 RPDs per port (1000 total)
- Fully compatible with existing ITX2 transmitters
- Data upload to the CPAT WEB for post processing.
- Real-Time Ingress monitoring mobile application.

New member of CPATFlex's ingress detection platform, the IRXD supports full-spectrum DOCSIS 3.1 specifications in a Distributed Access Architecture (DAA) Remote PHY CCAP deployment. The IRXD can be installed in the head-end where the elements of the CCAP core reside. The IRXD provides cable operators with unprecedented scalability, agility and cost savings. The IRXD will detect, measure and localize ingress event data on a continuous basis from the ITX2 field device via the RPD's OOB, narrow-band digital return channel (NDR). In summary, the IRXD enables the cable operator to take full advantage of the Remote PHY architecture efficiencies.

SPECIFICATIONS

IRXD	
Operating Frequency	Client determined frequency
Measurement Range	-30 to 0dBmV
Level Accuracy	± 3dB (according to RPD's NDR sampling accuracy)
Monitoring Mode	0: CH WD: 160KHz 1: CH WD 1.28MHz
Simultaneous RPD monitoring	Up-to 1000 using NDR channel width 160 kHz (mode 1) Up-to 125 using NDR channel width 1.28MHz (mode 4)
Continuous Ingress detection capability	10000 events/sec 1250 events/sec
Power	120 VAC, 0.4A (40W) fully loaded.
Interfaces	8 x Ethernet Gigabits ports (to RPD Network) 1x Ethernet Gigabit port (to internet) 1 x USB2.0, 1 x 10/100 Ethernet port (to CCAP)
Display	LCD graphic 144x32- button RGB LED
PHYSICAL	DETAILS
Dimensions (HxWxD)	1RU chassis 4.4cm X 42.2 cm X 33 cm/ 1.74 X 16.6 X 13 in
Weight	2 Kg/ 4.4lbs

*Specifications subject to change without prior notice.

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