



○ Features & Benefits

- Controls VMI and TVCB Interdiction Units
- FSK Modulated Data Carrier Output Available in 4 Different Frequencies

The Intelligent Transmitter (ITX) provides the data link between the iCentral and the VMI and TVCB Interdiction Field Units. It also is used with the AMT-Central to control Addressable Multi-Taps (please refer to AMT section in the catalog).

The ITX accepts control data from the iCentral and transmits the control and maintenance data to the Interdiction Field Units via an FSK modulated data carrier. The ITX maintains the Interdiction Field Unit configuration and complete subscriber database for that headend without the need for direct/continuous communication with the iCentral. The iCentral to ITX data link may be configured for dial-up or direct line connection.

○ Specifications

General

Single Board Computer Interfaces:
Two Serial Communication Ports
iCentral to ITX @19.2 k Baud
ITX to Field Units @9.6 k Baud
Custom Communications Protocol

Power Requirements
Voltage: 117 ±10%VAC

Frequency: 60 Hz
(Uninterrupted Power Supply Recommended)

Temperature Range: 0° to 50° C

Electrical

ITX Carrier Level
(Relative to Video): -10 dB

Carrier Guard Band: ±300 KHz

FM Deviation: ±60 KHz

Carrier Frequencies:

53.0 MHz
104.75 MHz
105.40 MHz
108.90 MHz
112.70 MHz

Mechanical

Dimensions (W x H x D):
19.0 x 1.75 x 14.5 in
483 x 44 x 369 mm

Weight: 6.0 lbs., 2.73 kg

Connectors (Rear Panel)

RF Output: "F" Type Female
Serial Port 1: RJ-9, Male
Serial Port 2: RJ-9, Male

Controls (Front Panel)

RF Level: Control

Indicators (Front Panel)

Data: LED, Red

Power: LED, Green

○ Ordering Information

Intelligent Transmitter (ITX)

Model	Stock No.	Description
VMI-ITX-104	9304C	VMI Intelligent Transmitter (ITX), Controller/FSK Modulator 104.75 MHz Data Carrier Frequency
VMI-ITX-105	9305C	VMI Intelligent Transmitter (ITX), Controller/FSK Modulator 105.40 MHz Data Carrier Frequency
VMI-ITX-108	9307C	VMI Intelligent Transmitter (ITX), Controller/FSK Modulator 108.90 MHz Data Carrier Frequency
VMI-ITX-112	9306C	VMI Intelligent Transmitter (ITX), Controller/FSK Modulator 112.70 MHz Data Carrier Frequency
VMI-ITX-053	9303D	Addressable Product Intelligent Transmitter (ITX), Controller/FSK Modulator 53.0 MHz Data Carrier Frequency

Order From:



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