

QUAL-TRON, INC

MINI MULTI-CHANNEL TRANSMITTER

MODEL: MMCT P/N: 13D0210

DESCRIPTION

The MMCT is an EMIDS Multi-Channel Synthesized Transmitter. When activated by a sensor, it transmits a 29-bit message that includes the sensor ID code and additional information that includes; direction, fault, tamper, test, and low battery data. During normal operation, the transmitter is triggered via an external sensor connector. Up to 999 separate ID codes can be preset on the transmitter. The MMCT is compatible with any Qual-Tron sensor.

(NOTE: Specify operating frequency when ordering.)

Contact Information:

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PERFORMANCE SPECIFICATION

Transmission Range:

Nominal 2 miles+, (Range varies from a few hundred feet to several miles – depending on deployment conditions. Range can be extended with relays)

Dimensions: 6.4"L x 3.93"W x 2.1"H

Weight: 1.0 lb, without batteries

Channel/Frequency:

Low: 138-153 MHz 25 KHz Step 600 Channels
 Mid: 154-162 MHz 5 KHz Step 1600 Channels
 High: 162-174 MHz 6.25 KHz Step 1920 Channels

Operating Temp: -40° C to +65° C

Storage Temp: -50° C to +70° C

Inspection Criteria:

Verify: Program, switch position, sensor input, serial port, low battery, & channel selection.

Board Test: Min 1 Watt output

Power Supply: 4 each 9 volt DC batteries

Transmission Output: Minimum 1 Watt

Battery Life: 4-8 months in temperate climate
 (life can be extended with optional equipment)

Mechanical Features:

Enclosed in weather tight Lexan plastic housing.
 Vibration, shock, and water resistant.

Items Included:			
Model	P/N	Description	Qty
MMCT	3 styles	Multi-Channel Transmitter	1
ANT/WIRE	3 styles	Antenna, Wire (match to freq.)	1



Commercial Off The Shelf (COTS)