

IND-WRU-M Remote Unit Master



IND-WRU-M along with a server running our I/O System software is the heart of the Indus-Comm Wireless Remote I/O system. A typical mine installation would have the Master unit installed at the Leaky Feeder head end with direct connections to the RF distribution panel, allowing uninterrupted communications to the remote units located throughout the mine. The Master unit is equipped with dual telemetry radios in the VHF or UHF bands.

Product Specification

Physical

Enclosure
Dimensions (H x W x D)
Weight

Aluminum Rack Mount
1.75 x 19 x 8
6 lbs

Electrical

Voltage
Current Consumption
Protection

12 VDC
55mA Standby / 1.3 A Transmit
2 A In-line Fuse

RS232 Interface

Baud Rate
Parity
Bits
Stop Bits

9600
None
8
1

Radios (2)

Frequency Bands

Power Supply

Stability

Sensitivity

RF Output

Deviation

TX Attack

RX Attack

FCC ID VHF

FCC ID UHF

IC ID VHF

IC ID UHF

VHF 136 – 174 MHz
UHF 450 – 470 MHz
8 – 15 VDC
2.5 PPM (-30 to +50C)
0.25uV @ 12db Sinad
1 – 5 Watts
+/-5 Wideband Channel
+/-2.5 Narrowband Channel
20 ms
15 ms
AIERIT17-145
AIERIT17-445
1084A-RIT17145
1084A-RIT17445

Typical Layout

