MINDUS-COMM



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

Electrical

Voltage Current Consumption Protection

RS232 Interface

Baud Rate Parity Bits Stop Bits Aluminum Rack Mount 1.75 x 19 x 8 6 lbs

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

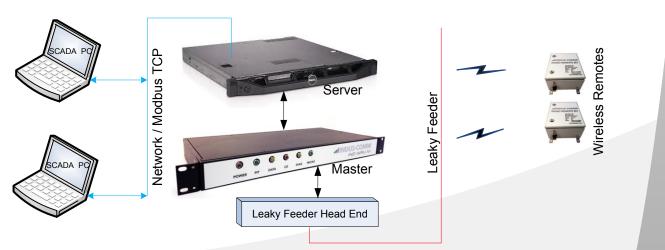
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Radios (2) Frequency Bands

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





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