

Advanced Technology AMR

EAGLE WCU

•)) Dual Register Ready.

The Eagle WCU radio comes complete with two meter inputs, allowing one radio to be shared across two meters in close proximity.

•)) Proven.

The Eagle WCU radio has proven itself as a robust and rugged radio far exceeding industry standards for dependability and reliability!

•)) Fully Potted

Fully potted with a shore 80+ material, the Eagle WCU radio is able to be submerged long term without worry of water intrusion. Provide your register to UCC, and have the register potted seamlessly to the Eagle WCU radio for the best in water intrusion protection!

•)) Long Range.

With the maximum transmit power of one full watt, the Eagle WCU has the longest broadcast range allowed by the FCC for ISM operation.

•)) Open Pulse input interface

The Eagle WCU is both meter and register independent. It interfaces to both mechanical and digital pulse registers across many different manufacturers.

•)) Warranty

The Eagle WCU radio is backed by our extensive electronics and battery life warranty.

•)) Field Configurable

•)) Withstands Extreme Temperatures



((•) AMR (•))

The Eagle WCU radio is an advanced Automatic Meter Reading device. The Eagle WCU utilizes a full 1 watt of power, the maximum allowed by the FCC, to provide the greatest range possible. The extensive coverage provided by the Eagle WCU radio allows more effective route reading by being able to reach those historically difficult meter locations in the shortest time possible! The Eagle WCU is versatile! The unit will interface with both mechanical and digital pulse registers from a variety of manufacturers. The unique features of the Eagle WCU allow you to save time and money without sacrificing reliability.

Each unit is subjected to 184 individual tests to assure quality and superior performance.

For more information, please contact your local Eagle WCU dealer.

Proudly made in the USA

United Communications Corp. 62 Jason Court St. Charles MO. 63304 888-763-7550

Eagle WCU Pit Radio:

Technical Specifications:

Communications:

Communication System: Bi-Directional, Direct Address
Modulation Type: DTS / Frequency Hopping Hybrid System
Frequency: ISM Band, 902-928MHz
Power Output: +30dbm Typical (1)
Receive Sensitivity: Greater than -100dbm typical
Free Air Range: Up to 1 mile or Greater See note (2)
Sub-ground Level Range: Up to 1/4 mile typical See note (3)

Interface:

Interface Type: Dry Contact or Equivalent Pulse Type Closure
Interface Logic: Mechanical or Digital Pulse, Sinking Closure
Number of Inputs per Radio: 2, Individually Addressable
Meter Types: 2 each Single Pulse or 1 each Dual Pulse
Meter Count: Completely Field Programmable at Installation and Audit

Physical:

Tubular Enclosure, Blue, 2.00" Diameter by 6.250" Long
ABS Shell with Shore 80+ Potting
IP-68 Rating: Continuous Submersion up to 3 feet
Temperature Range: -40C to +60C



Eagle WCU Truck Radio:

Technical Specifications:

Communications:

Communication System: Bi-Directional, Direct Address
Modulation Type: DTS / Frequency Hopping Hybrid System
Frequency: ISM Band, 902-928MHz
Power Output: +30dbm Typical (1)
Receive Sensitivity: Greater than -100dbm typical
Free Air Range: Up to 1 mile or Greater See note (2)
Sub-ground Level Range: Up to 1/4 mile typical See note (3)

Interface:

Interface Type: Serial RS-232 to Personal Computer
Power: +12V to +14.5V Auxiliary Power Adapter

Physical:

Bell Shaped Enclosure, White, Magnetic Mount with Protective Pad (4)
Approximately 4.5" Diameter, 8.00" High
Temperature Range: -40C to +60C
Hermetically Sealed, Rainproof Enclosure



For more information contact:

Notes:

- (1) +30dbm in FHSS Mode Only: Maximum allowed by the FCC
- (2) Varies with terrain / clearance / installation conditions
- (3) Varies with installation conditions
- (4) Unit must be mounted on adequate steel surface for mobile use

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