

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