

Contactless Wayside Relay Signal Transmitter



Features

- External-Magnetic Inductance Sensing System
- Low Power Consumption Wireless Transmitter
- LoRa Transmission Technology(1km~15km)Wireless Transmission
- 16 Sets Parallel Communication (64 Sensing Channel)
- Transmit Traffic Signals to Engineering Car (Warn of Overruns)
- Secure 128 bits Wireless Transmission of Data via Encryption
- Secure Deliver Voltage、 Current、 I/O to Rails
- Railway Certified
 - Railway Certified EN 50155 (IEC60571) Approved
 - Railway EMC Standard EN 50121-3-2 Approved
 - Cooling, Dry & Damp Heat Test IEC/EN 60068-2-1, 2, 30 Approved
 - UL/cUL/IEC/EN 62368-1 (60950-1) Safety Approval & CE Marking
- Maximum Operating Temperature is 80°C
- Thermal Protection



Specifications

- Model: RTC-RTY-014
- Dimension: L132*W149.2*H30MM
- Weight: 250g
- Voltage: 24VDC
- Farthest transmission distance: 5km
- Communication Interface:
 - Internal: RS-485
 - External: Lora
- Band 27Mhz ~ 900Mhz (Customized)

