





Removable Aerial

Ultra Visible LED

**General Specifications**

- Operation Frequency : 415 ~ 483MHz (set by crystal)
- Hamming Distance : >= 4
- I.D. Code : > 4 Billion (32 bit)
- Temperature Range : -35°C to +80°C
- Maximum Range : Up to 100 Meters
- Structure : glass-fibre
- Protection Degree : IP 65

**Transmitter Specifications**

- Power Supply : 2x AA Alkaline or Rechargeable Batteries
- RF Power : < 10 mW
- Pushbutton Type : 2 Step Mechanical Switch
- Dimensions : 186x61x51mm (excluding protrusion)
- Weight : about 360g (including batteries)

**Receiver Specifications**

- Power Supply : 48 - 415VAC (50/60Hz)  
: 12 - 24VDC
- Sensitivity : -110dbm (Date Error Rate < 10-3)
- Harmonic Ratio : >=60db
- Output Relays : 10A/250VAC (8A/30VDC)
- Dimensions : 200x162x107mm (excluding protrusion)
- Weight : about 1640g(excluding cable)

**Standards**

- Radio : EN300 220-3 v.1.1.1 (09/2000)
- EMC : EN301 489-3 (07/2000)
- Safety : EN60204-32 (IEC 60204-32) : 1998



Schematic Diagram

MIL Connector for Easy Installation

**Options:**



**Configuration Software & Programming Cable**  
 Allows programming of advanced functions  
 Settings can be backed up to computer hard disk  
 Cable allows upload / download to transmitter.



**Re-Chargeable Batteries & Charger**



**Copier**  
 Copies settings between Transmitter & Receiver  
 (or Receiver & Transmitter)  
 Transmitters can be cloned in case of loss or dam-