**IC-R30**

**SPECIFICATIONS**

**GENERAL**

- **Frequency coverage**
  - <A band>: 135.000000 – 459.999990 MHz
  - <B band>: 806.000000 – 959.999990 MHz
  - 50 /uni03A9 (SMA)
  - Power saved: 100 mA typical
  - AF rated power: 330 mA typical
  - <B band>: 108.000000 – 520.000000 MHz
  - <A band>: 2000.000000 – 2699.999990 MHz
  - 15.000000 – 251.999990 MHz
  - More than 150 kHz/−6 dB
  - More than 1.8 kHz/−6 dB

**Dimensions**

- 2.3 (W) × 5.6 (H) × 1.2 (D) in
- 58 (W) × 143 (H) × 30.5 (D) mm

**Operating temperature**

- −30 °C to 60 °C
- −4 °F to 140 °F

**Power supply**

- 3.6 V DC

**Battery life**

- 3120 mAh (min.)

**Antenna impedance**

- 50 /uni03A9

**Frequency**

- FM, AM, D-STAR (DV), P25, dPMR, NXDN, DCR

**Intermediate Frequency**

- <A band>: 177.5 kHz, 200 kHz
- <B band>: 10 kHz, 20 kHz, 50 kHz, 100 kHz, 125 kHz, 200 kHz

**Audio output**

- Internal SP: Mono, Full Bandwidth
- External SP: Mono, Full Bandwidth

**Bluetooth®**

- Version: Bluetooth® Ver 4.2, Profile: HFP, HSP, SPP

**USB Charging and microSD Card Slot**

- Same as supplied

**GPS, Bluetooth®, USB Charging and microSD Card Slot**

- 0.1 – 3304.999 MHz
- 200 Channel Per Second
- High Speed Scan

**DUALWATCH CAPABILITY**

- Decodes Digital Protocols
  - P25, NXDN™, DMR™, D-STAR, DCR

- Receives and Decodes Various Digital Protocols

**Frequency drift**

- <B band>: 2000.000000 – 2699.999990 MHz
- 2000.000000 – 2699.999990 MHz

**Audio fidelity**

- 1% BER
- 5% BER

**DUALWATCH CAPABILITY**

- Receives and Decodes Various Digital Protocols

**Options**

- Battery pack and battery case
- USB charging and microSD card slot
- GPS, Bluetooth®, USB charging and microSD card slot

**Airplane certification**

- **CE**
  - RCM
  - Industrie
  - 14.999990 MHz

**Encryption**

- Less than 1.4 /uni03BCV

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**Specifications**
The IC-R30 is a Digital Convenience Radio (DCR) that decodes various digital protocol signals, including P25 (Phase 1), NXDN™, dPMR™, and D-STAR. It is designed for use in harsh outdoor environments and includes features such as a built-in GPS receiver, dual watch and dual band recording functions, and a straight-forward operation. The radio is equipped with a large LCD and intuitive user interface, allowing for easy navigation and adjustment of settings. With its superior performance and solid fundamentals, the IC-R30 is a versatile receiver for amateur radio enthusiasts and professionals alike.