

ICOM IC-R8600

WIDE RANGE SOFTWARE DEFINED RECEIVER 0,01-3000 MHZ



The brand new ICOM IC-R8600 is a super wideband 10 kHz to 3 GHz SDR communication receiver that enables you to hear and see a wide variety of signals in various ways. Not only does it decode diverse digital communication signals, but the advanced FPGA processing technologies implemented provide clarity and accuracy of received signals. With the optional remote control software for a Windows® PC, received audio and spectrum scope data can be transferred through an IP network for monitoring from remote locations.

Superior Performance

- 10 kHz to 3 GHz Super Wideband Coverage
- Absolute Value of RSSI (Received Signal Strength Indicator)
- Software Demodulation in FPGA Processing
- Superb Receiver Performance
- Ample Memory Channels
- Variety of Scan Functions

Intuitive Operation

- Real-time Spectrum Scope with Waterfall Function
- Quick, Smooth and Intuitive Operation

Extensive Rich Features

- SD Card Slot for Receiver Recorder
- Remote Control Function through IP Network or USB Cable
- I/Q Signal Output (will be provided with future firmware update)

Other features

- 3 antenna connectors: a SO-239 type and a phono (RCA) connector for HF and a type-N connector
- Clock and NTP function
- Center tuning meter and digital auto frequency control (AFC) for FM, WFM and digital modes
- Voice synthesizer function
- Audio tone functions: HPF/LPF, bass, treble and de-emphasis
- Decode multiple digital code used in digital mode
- IP+ function improves 3rd order intercept point performance
- Main dial friction adjustment
- Dial lock and panel lock
- CI-V remote control commands
- RX history log for digital modes

Specifications

Frequency range : 0.010000–3000.000000 MHz (*Guaranteed range:

0.100000–3000.000000 MHz)

Antenna connector : 1. 0,01-3000 MHz: N-Type | 2. 0,01-30 MHz: SO 239 | 3. 0,01-30 MHz: RCA

Modes : USB, LSB, CW, FSK, AM, FM, WFM, Digital (D-STAR, P25 Phase 1, NXDN-N, NXDN-VN, dPMR, DCR)

Number of channels : 2000 regular with 100 groups, 200 auto memory write, 100 skip and 100 scan edge channels



Article id: ICOM IC-R8600

Price: € 2575,00

ex VAT € 2128,10

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Scan types : Programmed, memory, selected memory, selected mode, auto memory write, priority scan and ?f scan

TCXO : 0,5 ppm

Date/time synchronisation by NTP server

Power : 13,8 VDC

Dimensions : W220 x H90 x D230 mm

Weight : 4,3 kg

Receiver

* 0.010–29.999 MHz : Direct sampling

30.000–499.999 MHz : Double superheterodyne (IF: 778.7MHz, 46.35MHz)

500.000–1099.999 MHz : Double superheterodyne (IF: 278.7MHz, 46.35MHz)

1100.000–1499.999 MHz : Triple superheterodyne (IF: 900–500.000001MHz, 278.7MHz, 46.35MHz)

1500.000–3000.000 MHz : Triple superheterodyne (IF: 1000–500MHz, 278.7MHz, 46.35MHz)

First picture is Icom IC-R8600 SDR receiver with optional Icom SP-39AD speaker

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