



# IC-U20SR

PMR446 TRANSCEIVER

## *Boost Your Communication Efficiency with the Instant Licence-Free Radio*



Smart Rugged Design  
with Water Resistance



Compact and Lightweight  
for Effortless Everyday Use



PMR446  
Licence-Free

21 Hours Operation with  
Detachable Type Battery

USB Charging

**OTHER FEATURES**

- 600 mW loud and clear audio
- Easy-to-use user-friendly operation
- Top and side buttons to assign often used functions
- Smart-ring function checks whether your group member is in range or not
- Alert-Ring call function is for Emergency situation.
- VOX function for hands-free operation
- USB Type-C™ charging for direct radio body connection
- QR code for product authenticity check
- IP54 / MIL810G
- All-in-one package including battery pack and charging cradle


**APPLICATION EXAMPLES**

- Supermarket
- Church
- Camping
- Retail store
- Construction
- Hiking
- Hotel
- Warehouse
- Biking
- Restaurant
- Factory
- Event
- School
- Carpark
- Festival


**OPTIONAL ACCESSORIES**

**HEADSETS and PTT SWITCH CABLES**


**HS-94**  
Headset  
Ear-hook type



**HS-95**  
Headset  
Neck arm type




**HS-97**  
Headset  
Throat mic type




+

**OPC-2006LS**  
Conversion Cable  
for VOX function



**OPC-2328**  
PTT Switch  
Cable



(Either the OPC-2006LS or OPC-2328 is required for use with the HS-94, HS-95 or HS-97.)

**BATTERY PACK / BATTERY CHARGERS**

**BP-304A**  
Battery Pack  
Li-ion 3.6 V  
2350 mAh typ.  
2200 mAh min.



**BC-262**  
Charging Cradle  
USB port AC adapter  
is separately required.



**BC-264**  
Battery Charger  
USB port AC adapter  
is separately required.



**SPECIFICATIONS**

Frequency coverage	446.00625 MHz ~ 446.19375 MHz
Number of channels	16 channels
Output power	0.5 W
Receiver sensitivity	20 dB SINAD N : -118 dBm typ.
Type of emission	8K50F3E (12.5 kHz)
Audio power output	Internal Speaker : 600 mW typ. @5 % distortion with 4 Ω External Speaker : 150 mW typ. @5 % distortion with 8 Ω
Antenna impedance	50 Ω
Power supply voltage	3.6 V DC nominal
Current drain	Receive Max. Audio : 0.8 A Max. Transmit : 1.0 A Max.
Dimensions	H 156.0 × W 50.0 × D 26.7 mm incl. antenna H 94.0 × W 50.0 × D 26.7 mm excl. antenna
Weight	157 g (including BP-304A battery pack)

All stated specifications are subject to change without notice or obligation.


**Supplied Accessories**

- MB-127 Belt Clip
- BP-304A Battery Pack
- BC-262 Charging Cradle
- USB Type-C™ Cable

Made in Japan : The IC-U20SR is designed by Icom Inc and produced at Wakayama Icom Inc.

**MICROPHONES**


**HM-153LS**  
Earphone  
Microphone



**HM-166LS**  
Earphone  
Microphone



**HM-183LS**  
Speaker  
Microphone



**HM-186LS**  
Speaker  
Microphone



**OTHER ACCESSORIES**


**MB-127**  
Belt clip




**PARTNER PRODUCTS**

**IJKP™** Icom affiliated IJKP Products


**IJKP-HM-1LS-OW**  
Earphone Microphone  
Acoustic  
Type  
Earphone



**IJKP-HM-2LS-OW**  
Earphone Microphone  
C Type Earphone



**IJKP-HM-3LS-OW**  
Earphone Microphone  
D Type Earphone



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