

IEC telecom



IC-SAT100M



LAND

Real-time global PTT radio
communications for in-building
and in-vehicle use



**REAL-TIME PTT RADIO
TALKGROUP
COMMUNICATIONS**

**POLE-TO-POLE NETWORK
COVERAGE OVER THE
IRIDIUM NETWORK**

**MULTI-FUNCTIONAL
SPEAKER-MICROPHONE**

**INTEGRATED GPS
RECEIVER**

**IP67 WATERPROOFING
AND DUST PROTECTION**



Offering real-time communications at the push of a button anywhere in the world, ICOM IC-SAT100M is a dedicated satellite push-to-talk (PTT) radio that operates on the pole-to-pole Iridium network. Leveraging LEO satellites, its state-of-the-art PTT button instantly connects users with all the radios in the same talkgroup.

The ICOM IC-SAT100M can easily interconnect with an IP phone, WLAN, LTE, IDAS digital, and analog transceivers. Providing reliable network coverage, low-latency communication, and voice recording function with an integrated multi-functional speaker-microphone, this versatile satellite radio is ideal for both in-building and in-vehicle use.

CHARACTERISTICS

- Weight
 - Antenna: 500 g
 - Main Unit: 950 g
 - Main Unit + Microphone: 1200 g
- Dimensions
 - Antenna: 76.8 x 200 x 76.8 mm
 - Main Unit: 125 x 29 x 156.5 mm
 - Microphone: 59.5 x 134.6 x 30.1 mm
- Operational temperature (°C): -30°C to +60°C
- Power Supply Voltage: 13.2 V / 26.4 V DC
- Audio Output Power
 - Internal Speaker: 1500 mW typical (8 Ω load)
 - External Speaker: 4 W typical (4 Ω load)
- Frequency: 1616 MHz to 1626.5 MHz
- Ingress Protection
 - Antenna: IP67
 - Main Unit: IP54
 - Microphone: IP55
- Antenna SMA
- Integrated GPS Receiver
- Built-in Bluetooth Capability
- Multiple Language Display
- AES 256-bit Encryption
- Short Data Message
- Talkgroup: Up to 15

IN THE BOX

- Multi-functional speaker-microphone
- OPC-2435 DC Power Cable
- OPC-2102 LAN Cable (20m)
- Mobile Bracket