



VHF AND UHF DIGITAL TRANSCEIVERS

**IC-F3210D** **IC-F4210D**

VHF Transceiver

UHF Transceiver

## Extend Your Communication Reach with IDAS™ Multi-Site Trunking

**IDAS™**  
ICOM DIGITAL ADVANCED SYSTEM

### IDAS™ digital mode operation

The IC-F3210D series provides NXDN™ CAI-based IDAS digital mode operation. It is compatible with IDAS multi-site and single-site trunking and IDAS multi-site conventional.

### Easy to hear in noisy areas

The built-in bridge-tied load (BTL) amplifier delivers a powerful 800mW\* audio output from the large 45mm speaker. In addition, the digital modulation provides distinct clarity even at the fringes of the communication range.

\* Typical with internal speaker

### Channel announcement

When you rotate the channel knob, the radio announces the channel number. Convenient for making radio adjustments without having to look at the radio.

### Longer operating time

The Li-Ion battery pack, BP-265 (7.4V, 2000mAh typ.), provides 17.5/16 hours\* of operating time. Even when used with the BP-264, the radio offers 12/11 hours\* of operating time.

\*VHF/UHF, Tx:Rx:Standby=5:5:90. Power save function ON.

### Weather resistant, military rugged

While the radio is compact and light weight, the radio is tested to dust protection and water resistant equivalent to IP54 and 11 categories of MIL-STD-810 environmental tests. In short, the IC-F3210D series is built rugged!

### Internal VOX capability

The radio has the internal VOX capability for hands-free operation. Optional compatible headset with plug adapter cable OPC-2004 can be used with the radio. Also, the VOX gain and VOX delay time are adjustable.

### Roaming scan

In the multi-site trunking mode, if the signal condition worsens as the radio user moves, the roaming scan automatically finds a new site to retain the communication link and quality.

### IDAS™ digital mode features

- PTT ID (TX)
- Block decode
- Radio check (RX)
- Call alert
- Emergency
- GPS (TX with HM-171GP)
- Individual/Group call
- RAN (Radio Access Number)
- Stun/kill/revive (RX)
- Remote monitor (RX)
- Digital voice scrambler
- ATB (All Trunks Busy) ring back

\* TX: Transmit, RX: Receive

### Other features

- CTCSS/DTCS encoder/decoder\*
- Low battery alert
- 3-color LED
- Time out timer
- Lone worker function
- Forced narrow function\*
- No emergency in analog mode
- Voting scan
- 2-step power save
- PC programmable
- Talk around function
- Surveillance function

\* Analog mode only.



