ICOM

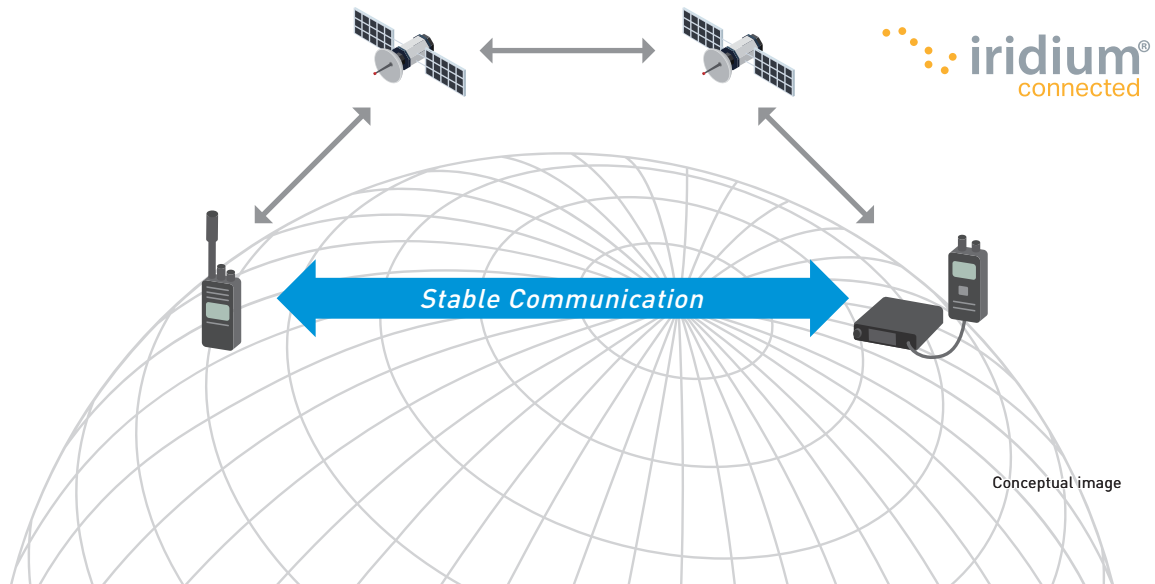
BUSINESS RADIO SOLUTIONS

TABLE OF CONTENTS

SATELLITE / IP SOLUTIONS

Real-Time Communications Across the Globe

SATELLITE PTT (Push-To-Talk) is a transceiver that uses the Iridium® satellite network. It can be used as a communication device in remote, isolated areas where there are no mobile phones or communications infrastructure. Even if the terrestrial network infrastructure is rendered unusable by human or natural disasters, SATELLITE PTT can provide a stable back-up, independent from other networks.



Conceptual image

Satellite PTT

IC–SAT100

Compact Handheld Satellite PTT Radio

- Emergency key for calling programmed users
- Integrated GPS receiver shows received signal position
- IP67 and MIL-STD-810 rugged construction
- 1500 mW of powerful audio
- 14.5 hours of long operating time*1
- Built-in Bluetooth® capability*2
- AES 256-bit encryption for security

Satellite PTT

IC–SAT100M

Satellite PTT Radio In-Building

- Emergency key for calling programmed users
- Integrated GPS receiver shows received signal position
- Supplied 1500 mW speaker-microphone
- Built-in Bluetooth® capability*2
- AES 256-bit encryption for security
- Optional pole mount passive antenna AH-38, max. 169 m installation

Antenna Unit

*1 TX : RX : standby = 5 : 5 : 90. *2 Version without Bluetooth® capability also available. Ask your dealer for details.

Please Note: Subscription contracts are required for using the IC-SAT100/M. Depending on the country or region, carrying and/or use of the IC-SAT100/M may be prohibited. The IC-SAT100M is primarily designed for base station use. Additional environmental protection is expected for use outside the scope.

Functions / Specifications	IC-SAT100	IC-SAT100M
Frequency Range	1616–1626.5 MHz	1616–1626.5 MHz
Talkgroups	15 (Max.)	15 (Max.)
Dimensions (W×H×D: Projections are not included)	57.8 × 135 × 32.8 mm, 2.3 × 5.3 × 1.3 in	Antenna unit (with RF unit): 76.8 × 200 × 76.8 mm, 3 ×7.9 × 3 in Main unit: 125 × 29 × 156.5 mm, 4.9 ×1.1 × 6.2 in
Weight (approximate)	360 g, 12.7 oz	Antenna unit (with RF unit): 600 g, 1.3 lb Main unit with microphone: 1.2 kg, 2.6 lb
IP Rating / MIL-STD	IP67 / MIL810G	IP67 (Antenna unit (with RF unit)), IP55 (mic), IP54 (main unit) MIL810G
Operating Time (Hours)	14.5	
Display	●	●
Keypad	Limited	Limited
AF Output Power (Internal SP)	1500 mW typical	1500 mW typical
Encryption AES	●	●
Vibration Alert	●	
Voice Recorder	●	●
Bluetooth® Capability	●	●
GPS Receiver	●	●
Short Data Message	●	●
Emergency Call	●	●
PoE Capability		●
I/O Control Port	USB, 14-PIN ACC	D-SUB, LAN, Ignition sense

Area Coverage Over a 4G LTE Network*

Simultaneous TalkListen™

The Simultaneous TalkListen™ provides full-duplex one-to-many communication, which allows users to talk and receive at the same time.
This results in a smooth, telephone-like conversations.

Exceptional Stability and Availability

The system server is placed within a secured closed network, and shielded from potential attacks. Its operation relies on a custom SIM that is isolated from the Internet, making it more reliable than regular PoC systems that use the Internet.

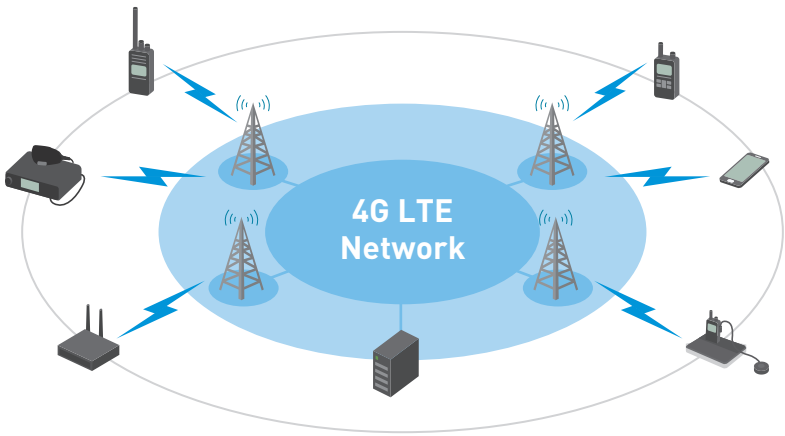
Multiple-user Communication

Multiple users in the call groups can initiate calls instantaneously.
This removes the need to wait for available channels to communicate.

Priority Interrupt Calling

Our IP radios support group calls with three or more people. In case of an emergency, you can break into an on-going call to transmit an important message.

*Network coverage provided by a custom SIM card. Service availability depends on the country.

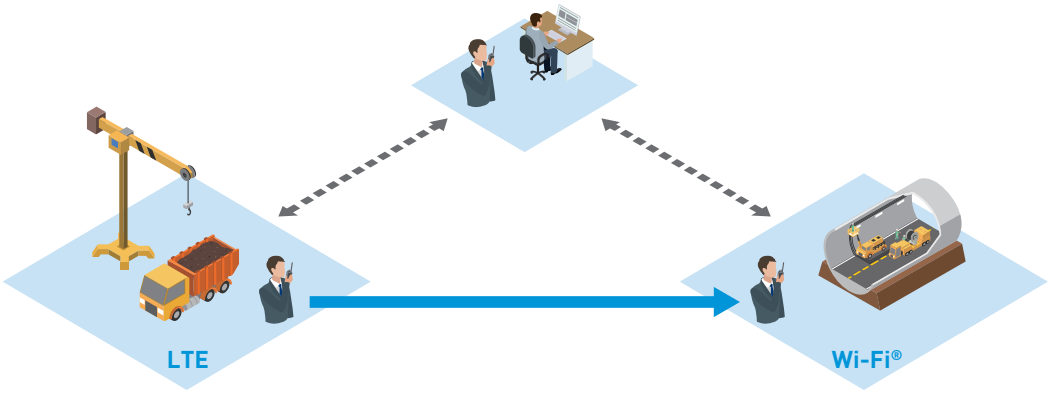


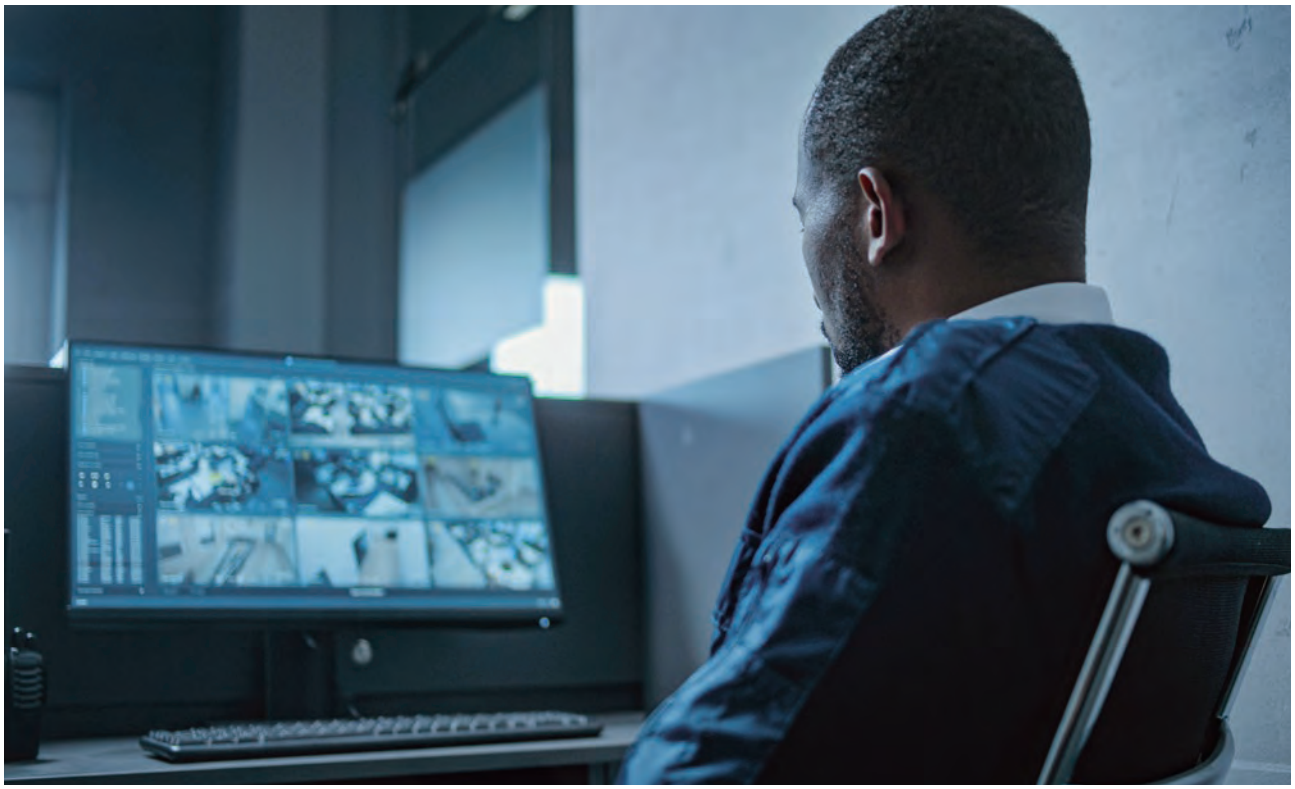
Dual Mode IP Transceiver That Communicates via Both 4G LTE and Wi-Fi®

The IP510H is a dual mode IP transceiver that communicates via both 4G LTE and Wi-Fi®. When outside LTE coverage, it automatically switches to a Wi-Fi connection without any user intervention, allowing seamless communication even in areas where one network isn't available.

The IP510H also supports full-duplex communication, meaning users can simultaneously talk and listen and interrupt a conversation if needed, just like a phone call. It's ideal for industries like transportation, infrastructure, and security, where stable communication is critical, as well as for traditional IP transceiver applications. Furthermore, with Bluetooth® capability for cable-free operation, it enhances work efficiency.

The IP510H is also more compact and lightweight than our previous IP transceivers.





IP Transceiver

IP510H

Dual mode IP transceiver, 4G LTE and Wi-Fi®

- Wi-Fi standards IEEE802.11 a/b/g/n/ac
- Supports WPA3™ Enterprise/ Personal Wi-Fi security
- Automatic switching between LTE and Wi-Fi®
- IP510H FirstNet® Certified Version*
- Advanced AI Noise Canceling Technology
- IP67 / MIL810G

*Available only in the USA. Requires a FirstNet SIM and eligible subscription.

Talk Listen™ Simultaneous

IP Transceiver

IP501H

Compact and Durable IP Handheld

- Loud high quality vocoder audio
- IP67 dust-tight and waterproof and MIL810G
- Emergency Call, Lone Worker and Man Down functions
- Voice Record/Playback functions
- Vibration Alert function notifies of incoming calls
- Built-in Bluetooth® capability and GPS
- Simultaneous TalkListen™

Talk Listen™ Simultaneous

IP Transceiver

IP501M

Mobile IP Radio Interoperable with Handheld IP Radio

- Built-in Bluetooth® capability and GPS
- Preprogrammed message transmission and reception
- An Ethernet port for data communication (The optional VE-PG4 is required.)
- Emergency call and Lone Worker functions
- Noise Canceling function (TX only)
- IP54 dust-protection and water resistance and MIL810G
- D-SUB 25-PIN connector with the optional OPC-2407 cable for interfacing other devices and various controls
- Simultaneous TalkListen™

Talk Listen™ Simultaneous

Functions / Specifications		IP510H	IP501H	IP501M
Network (USA version)	4G LTE	B2, B4, B5, B12, B13, B14, B25, B26, B66, B71	B2, B4, B5, B17	B2, B4, B12
	3G		B2, B5	B2, B5
Wi-Fi Standards		IEEE802.11 a/b/g/n/ac		
Dimensions (W × H × D: Projections are not included)		56 × 92.3 × 31.2 mm, 2.2 × 3.6 × 1.2 in	59 × 95 × 32 mm, 2.3 × 3.7 × 1.3 in	125 × 29 × 156 mm, 4.9 × 1.4 × 6.1 in
Weight (approximate)		220 g, 7.8 oz	240 g, 8.5 oz	840 g, 1.85 lb
IP Rating / MIL-STD		IP67 / MIL810G	IP67 / MIL810G	IP54 / MIL810G
Operating Time (Hours)		18/36 (LTE/Wi-Fi with BP-314) 26/58 (LTE/Wi-Fi with BP-315)	17	
Display		●	●	●
Keypad		Limited	Limited	Limited
AF Output Power (Internal SP)		1000 mW	400 mW	4 W (External SP)
Simultaneous TalkListen™		●	●	●
Man Down		●	●	
Lone Worker		●	●	●
Vibration Alert		●	●	
Voice Recorder		●	●	
Bluetooth® Capability		●	●	●
GPS Receiver		●	●	●
Short Data Message		●	●	●
Emergency Call		●	●	●
Provisioning/FOTA (Firmware Over-the-Air)		●	●	●

Speakerphone Unit

VE-SP1

Conference Call Speaker

- Portable operation with eight LR6 (AA) cells
- Built-in loudspeaker and high sensitivity external microphone
- Charges the radio when using the AC adapter
- The VE-SP1 is compatible with IP501H/IP504H

IP Transceiver APP

IP500APP

*Android™/iOS™ Application to Communicate with IP Radios**

- Full-Duplex communication
- Short text message
- Voice Recording/Playback function
- Address book
- TX/RX history

* Android™: 8.0 or later.
iOS™: 12 or later.

Operation is not guaranteed on all Android or iOS™ devices.
It may not work depending on the OS version or installed applications.

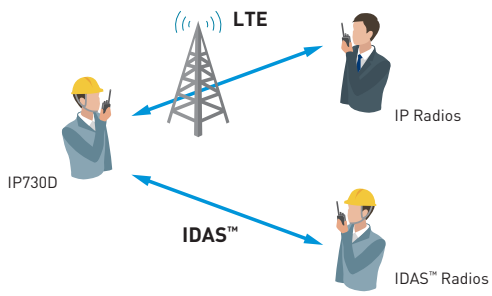
Innovative IP Radios with Licensed Professional Radio Mode

The IP730D and IP740D are dual mode "Hybrid" radios that provide nationwide coverage over LTE networks and conventional VHF/UHF professional radio mode (IDAS™ digital/analog mode.) It receives both communication modes and transmits either or both modes.

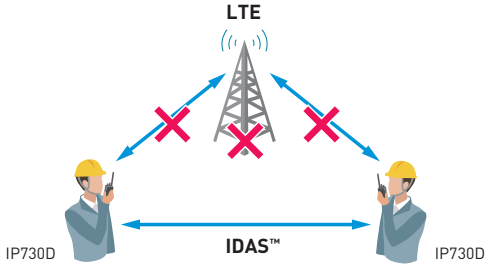
Dual Mode Operation with Main and Sub PTT Buttons

The IP730D series has a Sub PTT button, in addition to the Main PTT button. It provides smooth dual mode operation with independent PTT buttons for each LTE mode and IDAS™ mode.

Expand an existing IDAS™ system with an LTE network



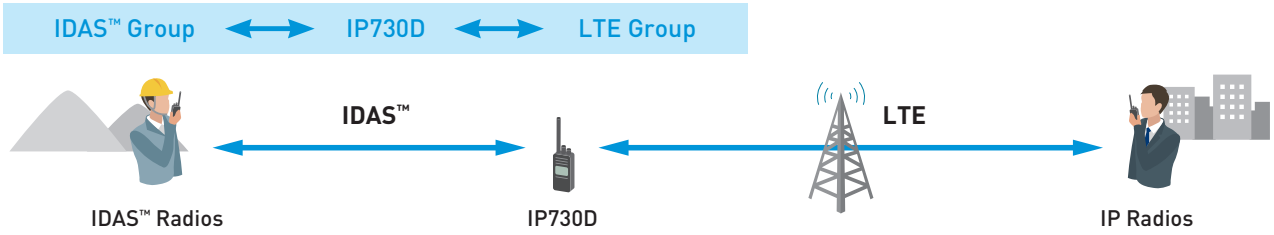
Communication redundancy, when net-work congestion occurs or network service is temporarily unavailable



The Bridge Function*

The Bridge function* is an innovative feature that allows handheld radio users to achieve an audio bridge between the LTE mode and IDAS™ mode easily.

* When using the Bridge function, operating time will be shorter and output power of the radio is reduced to 1 W. The Bridge function may be prohibited in some countries. Please check the legal requirements in your country before using this function.



* Network coverage provided by a custom SIM card. Service availability depends on the country.

Hybrid IP Transceivers (LTE + IDAS)

IP730D/IP740D

Hybrid Handheld IP Radio for Local & Nationwide Communications

- Simultaneous TalkListen™ in LTE Mode
- Dual Mode receiving both communications from LTE and IDAS™ (or Analog)
- 1300 mW of powerful audio*1
- IP67 waterproof and dust-tight and MIL810G
- 24 hours of long lasting battery life*2
- Emergency Call, Lone Worker and Man Down functions
- Built-in Bluetooth® capability
- GPS Data Transmission capability

*1 At 5% audio distortion.

*2 LTE Mode, TX : RX : standby = 5 : 5 : 90. The battery life may be shorter, depending on the distance with the cellular station or the signal strength.

Hybrid IP Transceiver (LTE + VHF Marine)

IP-M60

VHF Marine & LTE Two-In-One Radio

- Nationwide coverage* over LTE networks
- Four Operating Modes (Marine/Cellular/Mixed/Relay)
- Simultaneous TalkListen™ in LTE mode
- Emergency call functions with Man Down and Lone Worker functions
- Built-in Bluetooth® capability and VOX function for hands-free operation
- 1500 mW powerful audio output
- IP67 and MIL-STD-810 rugged construction

* Coverage area depends on the LTE network provider.

Functions / Specifications		IP730D/IP740D	IP-M60
Network (USA Version)	4G LTE	B2, B4, B12	B2, B4, B12
Frequency range (Depending on the version)		IP730D: 136~174 MHz, IP740D: 400~520 MHz	TX: 156.025~157.425 MHz, RX: 156.050~163.275 MHz
Dimensions (W × H × D)		61.7 ×140.5 × 42.8 mm, 2.4 × 5.5 ×1.7 in	61.7 × 140.5 × 42.8 mm, 2.4 × 5.5 × 1.7 in
Weight (approximate)		320 g, 11.3 oz	320 g, 11.3 oz
IP Rating / MIL-STD		IP67 / MIL810G	IP67 / MIL810G
Operating Time (Hours)		24 (LTE mode), 13 (IDAS mode)	24 (LTE mode), 13 (Marine mode)
Display		●	●
Keypad		Limited	Limited
AF Output Power (Internal SP)		1300 mW typ. (5% distortion)	1500 mW typ. (10% distortion)
Simultaneous TalkListen™		● (LTE mode)	● (LTE mode)
Man Down		●	● (LTE mode)
Lone Worker		●	● (LTE mode)
Vibration Alert		●	●
Voice Recorder		●	●
Bluetooth® Capability		●	●
GPS Receiver		●	● (LTE mode)
Short Data Message		● (LTE mode)	● (LTE mode)
Emergency Call		●	● (LTE mode)
Provisioning/FOTA (Firmware Over-the-Air)		● (LTE mode)	●

Simultaneous TalkListen™ That Works Over Wi-Fi®

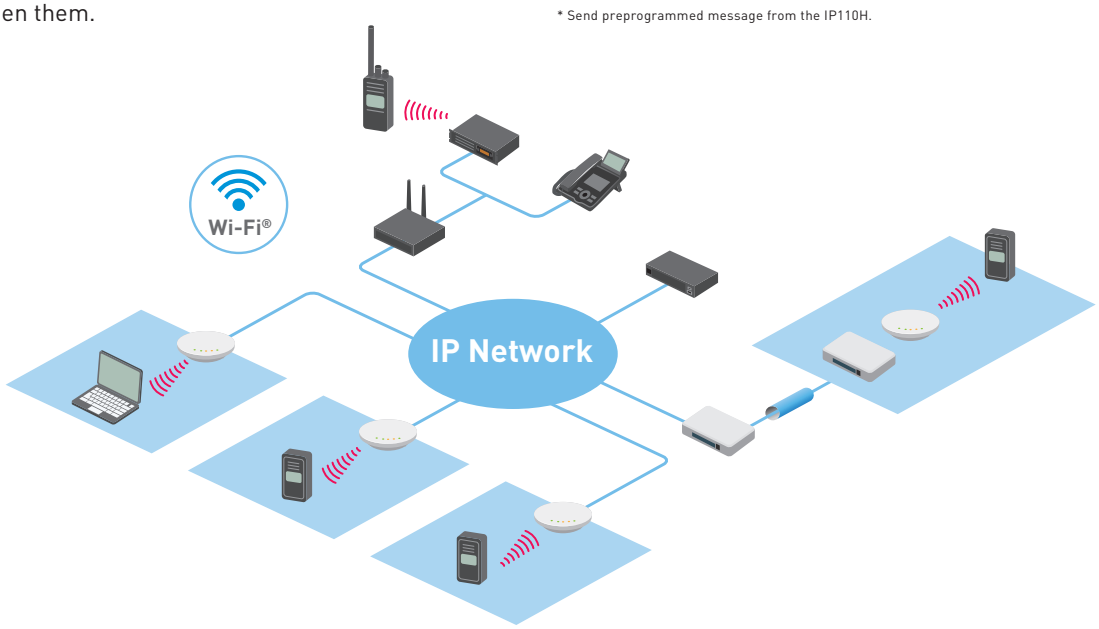
Communication System Using Wi-Fi®

By deploying access points across an existing IP network, the Wi-Fi radio system allows you to communicate from anywhere within coverage range. The IP110H can access the nearest access point, and roam between them.

Individual, Group, All or Area Communication

The IP110H enables staff to communicate across multiple rooms and exchange short data messages* with vibration alerts. RC-FS20 software allows dispatch and communication from a Windows™ PC.

* Send preprogrammed message from the IP110H.



Wi-Fi Transceiver

IP110H

Compact Wi-Fi Radio

- License-free communication terminal
- WPA2™, WPA-Enterprise security
- Built-in Bluetooth® capability
- IP67 and MIL-STD-810
- Compact body and lightweight
- 1000 mW audio output
- Motion/Stationary Detection, Man Down and Lone Worker functions

Talk Listen™ Simultaneous

Wi-Fi Transceiver Controller

IP1100CV

Wi-Fi Transceiver Controller

- Capable of controlling up to 300 units Wi-Fi radios (including RC-FS20)
- 2.5 Gbps WAN Port and VPN Router Function
- Up to 500 call addresses for individual and group calls.
- Call recording function can record communication audio to an external USB flash drive

Functions / Specifications	IP110H
Network (USA Version)	Wi-Fi®: IEEE 802.11 a/b/g/n/ac 2412~2462 MHz, 5180~5320, 5500~5580, 5660~5700, 5745~5825 MHz
Dimensions (W × H × D: Projections are not included)	57 × 96.9 × 25.1 mm, 2.2 × 3.8 × 1.0 in
Weight (approximate)	146 g, 5.2 oz
IP Rating / MIL-STD	IP67 / IP54 / MIL810G
Operating Time (Hours)	20
Display	●
Keypad	Limited
AF Output Power (Internal SP)	1000 mW
Simultaneous TalkListen™	●
Man Down	●
Lone Worker	●
Vibration Alert	●
Voice Recorder	●
Bluetooth® Capability	●
GPS Receiver	
Short Data Message	●
Emergency Call	●
Provisioning/FOTA (Firmware Over-the-Air)	●

Bridging Communication Gaps, This Radio over Gateway Device Links Diverse Voice Communication Systems and Frequencies

The VE-PG4 is a versatile RoIP (Radio over IP network) gateway unit, which seamlessly interconnects various communication systems. The built-in LTE module provides virtually nationwide communication coverage.*

* Service availability depends on the country. Network coverage provided by a custom SIM card.

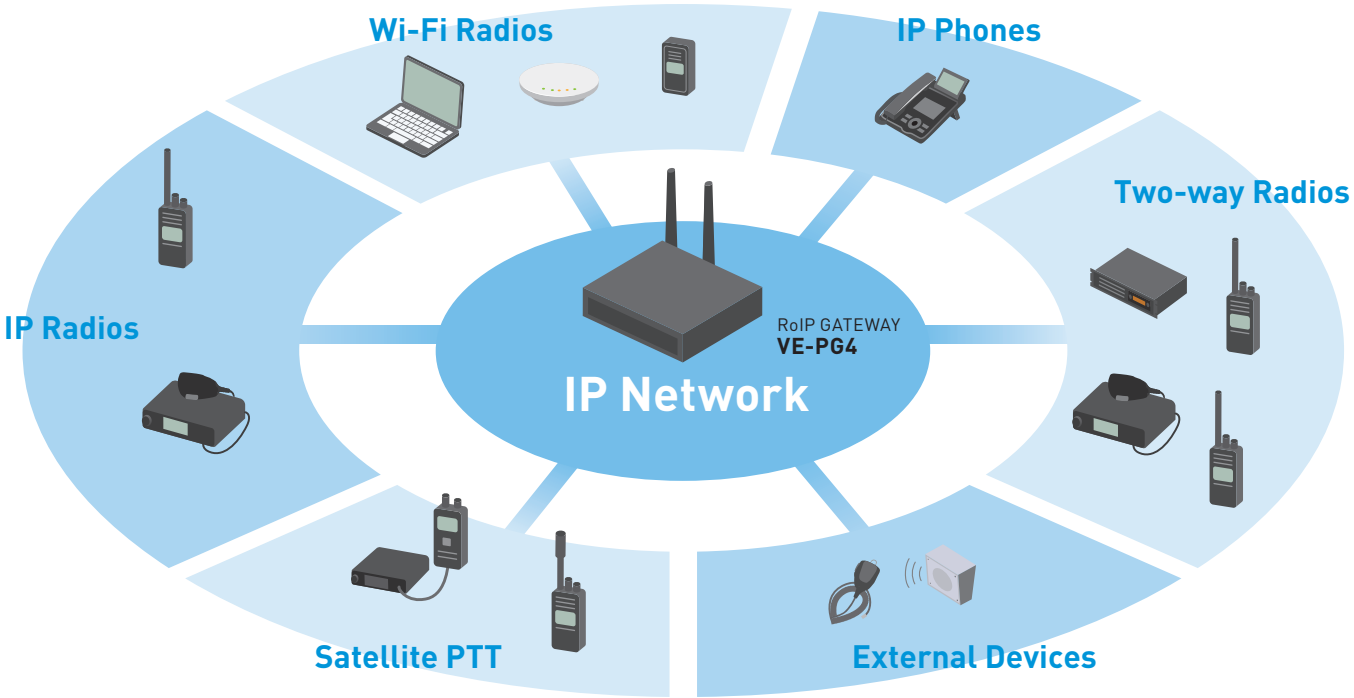
RoIP Gateway

VE-PG4

Radio over IP network Gateway

- Links land mobile radios, Wi-Fi transceivers, LTE transceivers, IP phone systems and external devices
- Wi-Fi transceiver controller (Equivalent to the IP1100CV function) built-in, capable of controlling up to 50 Wi-Fi transceivers
- IDAS™ Conventional and NXDN™ Type-D multi-site trunking connection

Communication Links



TWO WAY RADIO SOLUTIONS

Ideal P25 Radio Solution for Public Safety & Public Works

Icom P25 radios meet public works and safety customers' demanding needs and afford them the opportunity to make the most of their budgets, with cost-effective digital two-way radio communications products. Communicating with Icom's P25 radios using conventional analog, digital, or mixed mode operation as well as optional Phase 1 and Phase 2 trunking allows customers the ability to upgrade their fleet at their own pace.

VHF, UHF and 700/800 MHz P25 Digital Transceivers

IC–F7010/F7020/F7040 Series

Compact and Capable P25 Conventional and Trunking Radio

- P25 Phase 1/2 Trunking capabilities*
- LLA function (P25 Radio Authentication)*
- ARC4 40-bit software encryption*
- FIPS 140-3 Level 1 certified AES/DES encryption*
- IP68 / MIL810G
- Integrated GPS

* Optional

VHF, UHF and 700/800 MHz P25 Digital Transceivers

IC-F7510/F7520/F7540 Series

P25 Conventional and Phase 1/2 Trunking Rugged Mobile Radio with Superior Class Leading Audio

- P25 Phase 1/2 Trunking capabilities
- LLA function (P25 Radio Authentication)*
- ARC4 40-bit software encryption*
- FIPS 140-3 Level 1 certified AES/DES encryption*
- IP55 / MIL810G
- Integrated GPS

* Optional

Functions / Specifications		IC-F7010/F7020/F7040 SERIES		IC-F7510/F7520/F7540 SERIES	
		IC-F7010T/S IC-F7020T/S	IC-F7040T/S	IC-F7510 IC-F7520	IC-F7540
Frequency Range		136–174 MHz 380–470 MHz 450–512 MHz	769–869 MHz	136–174 MHz 380–470 MHz 450–512 MHz	769–869 MHz
Channels		1024 2000 (with ISL-P25CHEX)		1024 2000 (with ISL-P25CHEX)	
Channel Spacing		12.5/25 kHz	12.5/20/25 kHz	12.5/25 kHz	12.5/20/25 kHz
Dimensions (W × H × D: Projections are not included)		53.6 × 123.5 × 37.4 mm, 2.1 × 4.9 × 1.5 in (Simple key) 53.6 × 123.5 × 37.3 mm, 2.1 × 4.9 × 1.5 in (Full key)		174 × 55 × 150 mm, 6.9 × 2.2 × 5.9 in	
Weight (approx.)		355 g, 12.5 oz*1	345 g, 12.2 oz*1	1500 g, 3.3 lb	
RF output power (High)		5 W	3 W	50 W (VHF), 45 W (UHF)	30/35 W (700/800 MHz)
IP Rating / MIL-STD		IP 68 / MIL810G		IP55 / MIL810G	
Operating Time*1*2 (Hours)		14			
Display		Color LCD		Color LCD	
Keypad		●		●	
AF Output Power		1300 mW typ.		4 W typ.	
Analog Conventional		●		●	
P25 Conventional		●		●	
P25 Trunking	Phase 1 (FDMA)	Optional		Optional	
	Phase 2 (TDMA)	Optional		Optional	
Encryption	AES	Optional		Optional	
	DES	Optional		Optional	
	ARC4	Optional		Optional	
FIPS 140-3 Level 1		Optional		Optional	
LLA function (P25 Radio Authentication)		Optional		Optional	
P25 Conventional Voting Scan		Optional		Optional	
P25 Packet Data Service		Optional		Optional	
P25 Tier2 Location Service		Optional		Optional	
OTAP (Over-the-Air Programming)		Optional		Optional	
OTAR (Over-the-Air Rekeying)		●		●	
CTCSS/DTCS	Encoder/Decoder	●		●	
2-Tone	Encoder/Decoder	●		●	
DTMF Autodial		●		●	
Analog Voice Scrambler (Inversion)		●		●	
MDC 1200		●		●	
Front Panel Programming		Optional		Optional	
Man Down		●			
Motion Detection Sensor		●			
Lone Worker		●		●	
Channel Announcement		●		●	
Vibration Alert		●			
Voice Recorder		●		●	
Bluetooth® Capability		●		●	
GPS Receiver		●		●*3	
Front Panel Separation				Optional	
CommandMic™ Capability				●	

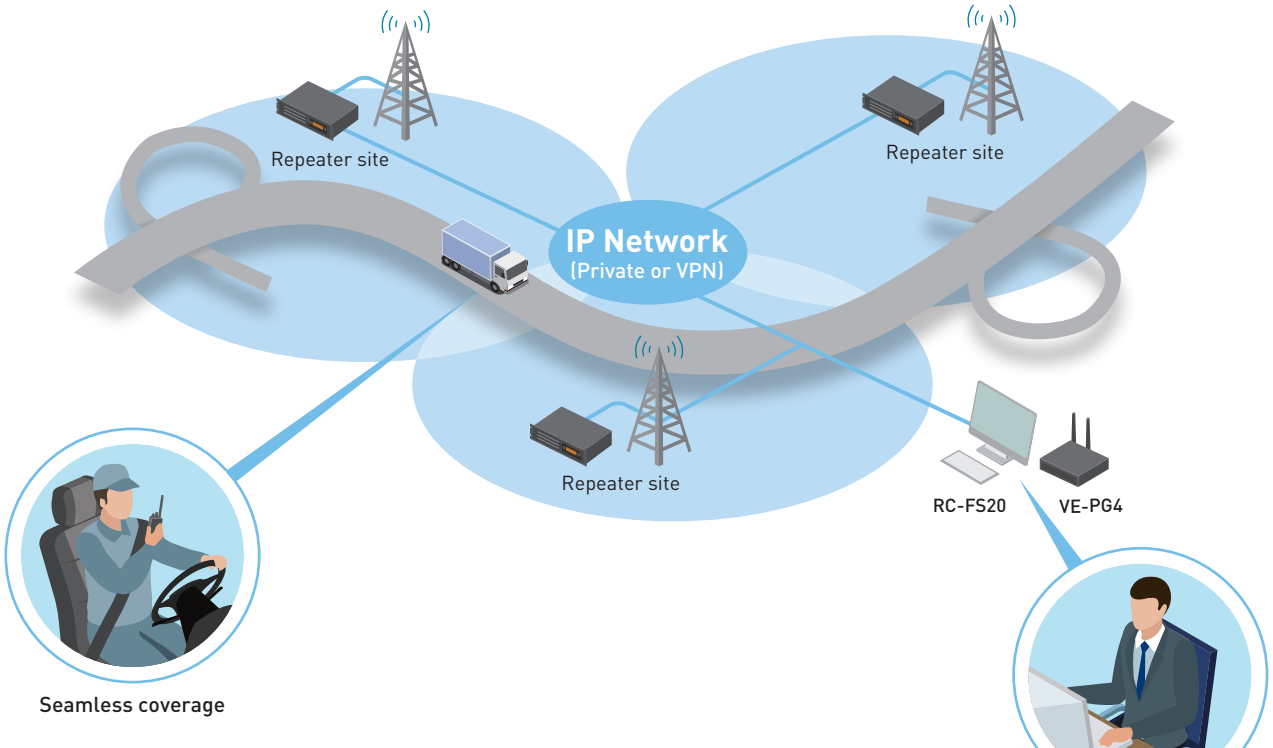
*1 With standard battery pack. *2 Conventional mode. 5:5:90 duty cycle, power save ON. *3 UX-241 antenna is required.

Wide Area Coverage on a Single Pair of Frequencies

The IDAS™ Simulcast (NXDN™ protocol) system links multiple repeater sites* through an IP network, synchronizing them with precise GPS signals. This enables a single pair of frequency licenses to cover a wider area. Even in urban areas where obtaining new frequency licenses is difficult, it's feasible to establish a multisite, wide-area system, keeping license costs lower. In certain situations, only the IDAS™ Simulcast system can fulfill specific requirements.

* The maximum number of sites for an IDAS™ Simulcast system is 32.

Simulcast Network System



Scan to see more details

Ideal 6.25 kHz FDMA Technology for Simulcast

The IDAS™ Simulcast system transmits digital voice and data at 4800 bps using 4-Level FSK and 6.25 kHz very narrow bandwidth FDMA technology. With a symbol duration of about 420 microseconds (μs), the system experiences minimal Inter-Symbol Interference (ISI). Consequently, the IDAS™ Simulcast system boasts a delay spread tolerance of approximately 60 μs. In contrast, a DMR/P25 Phase 1 system has a delay spread tolerance of about 30 μs, leading to a reduction in coverage radius by a similar amount.

Simplified Setup and Flexible Adjustments

Compared to other simulcast systems, IDAS™ Simulcast can initially start with a more straightforward setup. If issues arise, adjustments to the overlap and range between repeaters can be made later on.

Any IDAS™ Radio Can Be Employed

No extra technical requirements are needed on the IDAS™ transceiver to utilize IDAS™ Simulcast. The transceiver can receive simulcast through the same process used for handling received multipath interference. Therefore, any IDAS™ transceiver can be employed for IDAS™ simulcast.

NEW

VHF and UHF Digital Transceivers

IC-F3600D/ F4600D Series

Next Generation Excellence with High-Level Performance featuring NXDN™ full features

- IP68 / MIL-STD-810G
- Color LCD with multiple language support
- Hands-Free Operation with Bluetooth® Headset*1
- Bluetooth® LE functionality supports beacon reception*2
- Powerful battery options for Long-lasting performance, 13 hours with BP-303N
- Built-in GNSS receiver with multi-constellation support (GPS/GLONASS/Galileo/BDS/QZSS)
- Convenient USB Type-C™ fast charging
- OTAP (Over-the-Air Programming) function
- Active Noise Canceling function
- AES/DES encryption*3

Activates soon

NXDN™ | Conventional
Single/Multi-Site Trunking (Optional*3)

*1 Headset is required separately.
*2 Bluetooth beacon is required separately.
*3 License key upgrade required.

VHF and UHF Digital Transceivers

IC-F3400D/ F4400D Series

Flagship Excellence with Color Display and Versatile Features

- IP68 / MIL-STD-810G
- Color LCD and Improved User Interface
- Integrated GNSS
- Hands-Free Operation with Bluetooth® Headset*1
- OTAP (Over-the-Air Programming) Function Easily Reconfigures In-the-Field Radios
- Active Noise Canceling function
- AES/DES encryption*2

NXDN™ | Conventional
Single/Multi-Site Trunking (Optional*2)
dPMR™ | Mode 1 | Mode 2
Mode 3 (Optional*2)

*1 Headset is required separately.
*2 License key upgrade required.

VHF and UHF Digital Transceivers

IC-F52D/F62D

Powerful and Compact, 5 W Model with Advanced Features

- IP67/66/55/54 / MIL-STD-810G
- Full dot matrix display for 14 characters with status icons
- Built-in Bluetooth®*1, Voice Recording, Active Noise Canceling Function
- Motion/Stationary Detection, Man Down and Lone Worker Functions
- OTAP (Over-the-Air Programming) Function Easily Reconfigures In-the-Field Radios
- Intelligent Battery Management Helps to Extend the Battery Life

NXDN™ | Conventional
Single/Multi-Site Trunking (Optional*2)
dPMR™ | Mode 1 | Mode 2
Mode 3 (Optional*2)

*1 Depending on version.
*2 License key upgrade required.

VHF and UHF Digital Transceivers

IC-F1100D/ F2100D Series

Budget-Friendly Handheld with Keypad and LCD Variations

- 128 channels (16 channels for IC-F1100D/F2100D)
- IP68 / MIL-STD-810G
- Motion/Stationary Detection, Man Down and Lone Worker Functions
- Operating Time of Up To 18 Hours in IC-F1100D series and 17 Hours in IC-F2100D series with the Supplied Battery (BP-280)
- Over-the-Air Alias (OAA) Function Displays the Caller's Name without Programming

NXDN™ | Conventional
Single-Site Trunking
dPMR™ | Mode 1 | Mode 2

IDAS™ Handheld Feature Comparison

Functions / Specifications	IC-F3600D/IC-F4600D SERIES	IC-F3400D/IC-F4400D SERIES	IC-F52D IC-F62D	IC-F1100D/IC-F2100D SERIES		
	IC-F3600DT/DS IC-F4600DT/DS	IC-F3400DT/DS IC-F4400DT/DS	IC-F52D IC-F62D	IC-F1100DT IC-F2100DT	IC-F1100DS IC-F2100DS	IC-F1100D IC-F2100D
Frequency Range	136-174 MHz	136–174 MHz	136–174 MHz	136–174 MHz		
	350-400 MHz, 400-520 MHz	380–470, 450–512 MHz	350–400, 400–470, 450–512, 450–520 MHz	350–400, 400–470, 450–520 MHz		
Channels	1024	1024*1	512	128	128	16
Digital Channel Spacing	6.25/12.5 kHz	6.25/12.5*2 kHz	6.25/12.5*2 kHz	6.25 kHz		
Dimensions*3 (W × H × D: Projections are not included)	55.4 x 138.0 x 38.9 mm, 2.2 × 5.4 × 1.5 in	53.6 × 123.5 × 29.3 mm, 2.1 × 4.9 × 1.2 in	56 × 91.5 × 36.5 mm, 2.2 × 3.6 × 1.4 in	52.2 × 111.8 × 34.1 mm, 2.1 × 4.4 × 1.3 in	52.2 × 111.8 × 29.4 mm, 2.1 × 4.4 × 1.2 in	
Weight (approx.)	400 g, 14.1 oz	340 g, 12.0 oz (VHF) 335 g, 11.8 oz (UHF)	270 g, 9.5 oz	280 g, 9.9 oz	270 g, 9.5 oz	260 g, 9.2 oz
RF output power (High)	5 W and 7 W (150-162 MHz)	5 W	5 W	5 W		
IP Rating / MIL-STD	IP68 / MIL810G	IP68 / MIL810G	IP67/66/55/54 / MIL810G	IP67 / MIL810G		
Operating Time*3*4 (Hours)	13	16.5	13	18 (IC-F1100D series) 17 (IC-F2100D series)		
Display	●	●	●	●	●	
Keypad	Full (DT), Limited (DS)	Full (DT), Limited (DS)	Limited	Full	Limited	
AF Output Power (Internal SP)	1300 mW typ.	1300 mW typ.	1300 mW typ.	1500 mW typ.		
Encryption – DES (4-key)	●	●				
Encryption – DES (64-key)	Optional	Optional				
Encryption – AES	Optional	Optional				
Voice Scrambler (Digital)	●	●	●	●		
Voice Scrambler (Analog)*5	●	●	●			
OTAP (Over-the-Air Programming)	●*14	●*14	●*14			
OTAR (Over-the-Air Rekeying)		●				
CTCSS/DTCS Encoder/Decoder	●	●	●	●		
2-Tone Encoder/Decoder	●	●	●	●		
5-Tone Encoder/Decoder	●	●	●	●		
DTMF	●	●	●	●		
MDC 1200	●	●	●	●*15		
BIIS 1200		●	●	●*6		
Man Down	●	●	●	●		
Motion Detection Sensor	●	●	●	●		
Lone Worker	●	●	●	●		
Channel Announcement	●	●	●	●		
Vibration Alert	●	●	●			
Voice Recorder	●	●	●			
Bluetooth® Capability	●	●	●			
GNSS	●	●				
Short Data Message	●	●	●	●*8		
Status Message	●	●	●	●*8		
Emergency Call	●	●	●	●		
Stun/Kill/Revive	●	●	●	●*9		
Remote Monitor	●	●	●	●*9		
NXDN™*10 Conventional	●	●	●	●		
NXDN™*10 Multi-Site Conventional	●	●	●	●		
NXDN™*10 Simulcast	●	●	●	●		
NXDN™*10 Type-D Trunking	Optional	Optional	Optional	Single Site only		

*1 Upgrade license (ISL-CHEX) required to enable 4000 channel capacity. *2 NXDN™ only. *3 With standard battery pack. *4 IDAS™: Conventional mode, 5:5:90 duty cycle, power save ON. *5 Inversion type voice scrambler is not compatible with UT-109R/UT-110R voice scrambler. *6 PTT ID and emergency call. *7 PTT ID only. *8 The non-display model beeps and its LED indicator blinks when receiving a message. *9 RX only. *10 Default factory setting (Protocol) differs, depending on the radio model. *11 Depending on versions. *12 UX-241 antenna is required. *13 D-SUB. Digital modulation input is not available even when using accessory cables. *14 CS-OTPM1 OTAP Manager Software is separately required to send the OTAP data to the transceivers. *15 PTT ID, emergency call, radio check (RX), and stun/revive (RX). All stated specifications and features are subject to change without notice or obligation.

VHF and UHF Digital Transceivers

IC–F5400D/F6400D

Flagship Excellence with Versatile Configuration and Color Display

- IP55 / MIL810G
- Flexible configurations with detachable front panel
- Color LCD and improved user interface
- Integrated GPS
- Hands-free operation with Bluetooth® headset*1
- OTAP (Over-the-Air Programming) function easily reconfigures in-the-field radios
- Active Noise Canceling function
- AES/DES encryption*2

*1 Version without Bluetooth also available. Ask your Dealer for details. Available functions depend on paired Bluetooth® devices. Icom does not guarantee all functions and performance of the Bluetooth® headset. Headset is required separately.
*2 Licence key upgrade required.

NXDN™ | Conventional | Single/Multi-Site Trunking (Optional*2)

VHF and UHF Digital Transceivers

IC–F5330D/F6330D

CommandMic™ Remote Control with Ethernet Cable Connection

- NXDN™ Type-D single-site trunking
- Flexible Power over Ethernet (PoE) connection*1 between RF unit and CommandMic™
- High contrast, wide viewing angle, black background display
- Bluetooth® capability*2
- Emergency and Lone Worker functions
- Optional D-SUB connector cable

*1 Up to 100 m Ethernet cable. *2 Depending on version.

NXDN™ | Conventional | Single-Site Trunking

VHF and UHF Digital Transceivers

IC–F5130D/F6130D

Digital Standard Mobile Transceiver

- NXDN™ Type-D single-site trunking
- High contrast, wide viewing angle, black background display
- Emergency and Lone Worker functions
- Optional D-SUB connector cable
- GPS receiver connection with optional ACC cable
- Bluetooth® capability with optional UT-137A

NXDN™ | Conventional | Single-Site Trunking

IDAS™ Mobile Radio Feature Comparison

Functions / Specifications		IC-F5400D IC-F6400D	IC-F5330D IC-F6330D	IC-F5130D IC-F6130D
Frequency Range		136–174 MHz	136–174 MHz	136–174 MHz
		380–470, 450–512 MHz	400–520 MHz	350-400, 400-520 MHz
Channels		1024*1	128	128
Digital Channel Spacing		6.25/12.5*2 kHz	6.25 kHz	6.25 kHz
Dimensions (W × H × D: Projections are not included)		174 × 55 × 150 mm, 6.9 × 2.2 × 5.9 in	150 × 45 × 148 mm, 5.9 × 1.8 × 5.8 in	150 × 45 × 151.8 mm, 5.9 × 1.8 × 6.0 in
Weight (approx.)		1.5 kg, 3.3 lb	1.2 kg, 2.6 lb [Main unit] 250 g, 8.8 oz [Microphone]	1.23 kg, 2.7 lb
RF output power (High)		50 W (VHF), 45 W (UHF)	50 W (VHF), 45 W (UHF)	50 W (VHF), 45 W (UHF)
IP Rating / MIL-STD		IP55 / MIL810G	IPX4 (MIC), MIL810G	MIL810G
Display		●	●	●
Keypad		●	●	●
AF Output Power (Internal SP)		4 W typ.	1.7 W typ. (Mic.)	4 W typ.
Encryption	DES (4-key)	●		
	DES (64-key)	Optional		
	AES	Optional		
Voice Scrambler (Digital)		●	●	●
Voice Scrambler (Analog)*5		●		
OTAP (Over-the-Air Programming)		●*14		
OTAR (Over-the-Air Rekeying)		●		
CTCSS/DTCS	Encoder/Decoder	●	●	●
2-Tone	Encoder/Decoder	●	●	●
5-Tone	Encoder/Decoder	●	●	●
DTMF		●	●	●
MDC 1200		●	●*15	●*15
BIIS 1200		●	●*6	●*6
Lone Worker		●	●	●
Channel Announcement		●		
Voice Recorder		●		
Bluetooth® Capability		●*11	●*11	Optional
GPS Receiver		●*12		
Short Data Message		●	●	●
Status		●	●	●
Emergency Call		●	●	●
Stun/Kill/Revive		●	●*9	●*9
Remote Monitor		●	●*9	●*9
Front Panel Separation		Optional		
Multiple Controller Capability		Optional		
CommandMic™ Capability		Optional	●	
I/O Control Port		USB, D-SUB, Ignition sense	Ignition sense, D-SUB option*13	Ignition sense, D-SUB option*13
NXDN™ *10	Conventional	●	●	●
	Multi-Site Conventional	●	●	●
	Simulcast	●	●	●
	Type-D Trunking	Optional	Single site only	Single site only

*1 Upgrade license (ISL-CHEX) required to enable 4000 channel capacity. *2 NXDN™ only. *3 With standard battery pack. *4 IDAS™: Conventional mode, 5:5:90 duty cycle, power save ON LTE: Depending on the condition of LTE signal strength. *5 Inversion type voice scrambler is not compatible with UT-109R/UT-110R voice scrambler. *6 PTT ID and emergency call. *7 PTT ID only. *8 The non-display model beeps and its LED indicator blinks when receiving a message. *9 RX only. *10 Default factory setting (Protocol) differs, depending on the radio model. *11 Depending on versions. *12 UX-241 antenna is required. *13 D-SUB. Digital modulation input is not available even when using accessory cables. *14 CS-OTPM1 OTAP Manager Software is separately required to send the OTAP data to the transceivers. *15 PTT ID, emergency call, radio check (RX), and stun/revive (RX).

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

VHF and UHF Digital Repeaters

IC-FR5300/FR6300

NXDN™

Compatible with Analog and IDAS™ ALL Modes Including Simulcast

- Digital conventional mode and analog FM with auto selection
- 50 W at 50% duty cycle operation (Ambient temperature: 25°C)
- Compatible with digital simulcast system with the optional UC-FR5300 #14 network controller and GPS antenna
- Multi-site conventional or trunking system configuration
- "Two channels in one box" configuration with optional UR-FR5300/UR-FR6300

Dispatcher Software

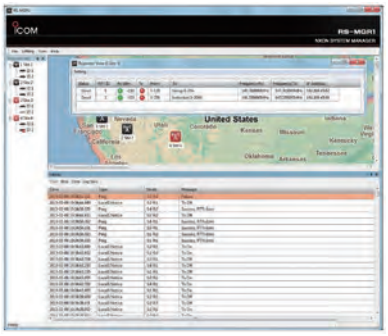
RC-FS20

NXDN™ dPMR™ Wi-Fi Radio RoIP

Virtual Radio/PC Dispatch

- Hybrid operation of IDAS™ radio and Wi-Fi radio systems
- Flexible dispatcher switch layout customization
- Web-based OpenStreetMap display shows up to 300 radio units
- Activation key available for time-limited trial of full RC-FS20 functionality

Activates soon



System Manager

RS-MGR1

NXDN™

Enhance System Management for NXDN™ Type-D Trunking Systems

- Provides real-time monitoring, system alerts and log search functions
- Repeater properties show condition summary, system information, interface (traffic statistics), repeater condition details and ping status of each repeater
- Registration log, communication log, traffic log and search log can be searched and downloaded with extensive filter settings

Reliable Technology and Trust for Analog Radios

Radio technologies and know-how cultivated for over 60 years have been applied to professional analog radio products. Rugged, waterproof, easy to use, clear and powerful audio in a compact design, Icom's analog products provide high performance and reliable communication. They are cost effective solutions that you can rely on and help you improve productivity and efficiency.

VHF and UHF Handheld Transceivers

IC-F1000/F2000 Series

Big Sound, Small Package! Unmatched 1500 mW Audio

- 128 channels (16 channels for the non-display model)
- 5 W RF output power both VHF & UHF*
- Motion/Stationary sensor
- Man down/Lone worker
- Up to 20/18 hours (VHF/UHF) of operating time with BP-280 battery pack
- 1500 mW loud audio
- Channel announcement
- IP67 / MIL810G

* UHF output power (4 W or 5 W) depending on the version.

EXPORT

VHF and UHF Handheld Transceivers

IC-F3000/F4000 Series

Affordable, High Performance Radio

- 16 channels
- IP54 / MIL810G
- Lone worker function
- Battery life, 22 hours in VHF and 20 hours in UHF (wit BP-298)
- Built-in 2-Tone, 5-Tone, CTCSS and DTCS
- 1500 mW loud audio from internal speaker
- 1500 mW audio output from optional BTL speaker-microphone, HM-222HLWP
- Internal VOX capability for hands free operation

IC-F3001/F4001

IC-F3003/F4003

UHF Handheld Transceiver

IC-F200

Rugged, Easy Operation in the Palm of Your Hand

- Compact and lightweight
- IP54 / MIL810G
- 15 hours operation (with BP-304A)
- USB Type-C™ charging
- 600 mW loud and clear audio
- Built-in CTCSS and DTCS
- Emergency call button on the top of the panel
- VOX function for hands-free operation

Functions / Specifications	IC-F1000T IC-F2000T	IC-F1000S IC-F2000S	IC-F1000 IC-F2000	IC-F3001/3 IC-F4001/3	IC-F200
Frequency Range	136–174 MHz			136–174 MHz	
	400–470 MHz, 450–520 MHz			350–400 MHz, 400–470 MHz, 450–512 MHz, 450–520 MHz	450–470 MHz
Channels	128	128	16	16	16
Channel Spacing	12.5, 20, 25 kHz			12.5, 20, 25 kHz	12.5 kHz
Dimensions*1 (W × H × D: Projections are not included)	52.2 × 111.8 × 24.5 mm; 2.1 × 4.4 × 1.0 in (With BP-279) 52.2 × 111.8 × 30.3 mm; 2.1 × 4.4 × 1.2 in (With BP-280)			56 × 97 × 36.4 mm, 2.3 × 4.4 × 1.4 in	50 x 94 x 26.7 mm, 2.0 x 3.7 × 1.1 in
Weight*1 (approx.)	240 g; 8.5 oz (With BP-279), 270 g; 9.5 oz (With BP-280)			270 g, 9.5 oz	157 g, 5.5 oz
RF Output Power (High)	5 W(VHF/UHF) or 5 W(VHF), 4 W(UHF)*9			5 W [VHF] 4 W [UHF]	2 W or less
IP Rating / MIL-STD	IP67 / MIL810G			IP54 / MIL810G	IP54 / MIL810G
Operating Time*2 (Hours)	20 (VHF with BP-280), 18 (UHF with BP-280)			20 (w/ BP-265), 14 (w/ BP-264)	15
Display	●	●			●
Keypad	Full	Limited			Limited
AF Output Power (Internal SP)	1500 mW typ.			1500 mW typ.	600 mW typ.
CTCSS/DTCS Encoder/Decoder	●			●	●
2-Tone/5-Tone Encoder/Decoder	●			●	
DTMF	●			●	
MDC 1200	●*7			●*3	
BIIS 1200	●*9			●*3	
Man Down	●				
Lone Worker	●			●	●
Motion Detection Sensor	●				
Channel Announcement	●				●
Emergency Call	●			●	
Stun/Kill/Revive	●*4			●*4	
Remote Monitor	●*4			●*4	

*1 With standard battery pack. *2 5:5:90 duty cycle, power save ON. *3 PTT ID and emergency call. *4 RX only. *5 PTT ID only.
*6 PTT ID, emergency (TX/RX), radio check (RX), stun/revive (RX), transmit status messages only. *7 PTT ID, emergency (TX/RX), radio check (RX), stun/revive (RX) only.
*8 TX only. An MDC compatible transceiver is necessary for receiving. *9 Depending on versions.

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

VHF and UHF Mobile Transceivers

IC-F5020/F6020 Series

VHF and UHF Mobile Transceivers

IC-F5010/F6010 Series

Hardworking Mobile Radios

- 2 models for display or non-display
- 128 channels (IC-F5020/IC-F6020 series) or 8 channels (IC-F5010/IC-F6010 series)
- Lone worker function
- 4 W (typical) front mounted speaker
- External device connection with optional ACC cable

IC-F5021/F6021 IC-F5023H/F6023H IC-F5011/F6011 IC-F5013H/F6013H

Functions / Specifications		IC-F5021/3/3H IC-F6021/3/3H	IC-F5011/3/3H IC-F6011/3/3H
Frequency Range		136–174 MHz 400–470 MHz, 450–512 MHz, 450–520 MHz	
Channels		128	8
Channel Spacing		12.5/25 kHz, 15/30 kHz	
Dimensions*1 (W × H × D: Projections are not included)		150 × 40 × 167.5 mm, 5.9 × 1.6 × 6.6 in (50/45 W) 150 × 40 × 117.5 mm, 5.9 × 1.6 × 4.6 in (50/45 W)	
Weight*1 (approx.)		1.1 kg, 2.4 lb (50/45 W)	0.8 kg, 1.8 lb (25 W)
RF output power (High)		50 W (F5021/3H), 25 W (F5023) 45 W (F6021/3H), 25 W (F6023)	50 W (F5011/3H), 25 W (F5013) 45 W (F6011/3H), 25 W (F6013)
Display		●	LED lighting
Keypad		●	
AF Output Power (Internal SP)		4 W typ.	
Voice Scrambler		Optional	
CTCSS/DTCS	Encoder/Decoder	●	
2-Tone/5-Tone	Encoder/Decoder	●	
DTMF		●	
MDC 1200		●*7	
BIIS 1200		●*5	
Lone Worker		●	
Emergency Call		●	
Stun/Kill/Revive		●*4	
Remote Monitor		●*4	

*1 With standard battery pack. *2 5:5:90 duty cycle, power save ON. *3 PTT ID and emergency call. *4 RX only. *5 PTT ID only.
*6 PTT ID, emergency (TX/RX), radio check (RX), stun/revive (RX), transmit status messages only. *7 PTT ID, emergency (TX/RX), radio check (RX), stun/revive (RX) only.

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

EXPORT

HF Radio

IC–F8101

A Professional HF, All in One Package

- 2G ALE (Automatic Link Establishment), MIL-STD-188-141B and FED-STD-1045A ALE standards
- 125 W* PEP output power
  (*J3E/A1A modes depending on the transceiver version)
- 100% duty cycle operation (SSB voice TX)
- IP54 / MIL810G
- 2400 bps MELPe/TWELP Vocoder and 256-bit AES encryption* with RapidM TC4-LP
  (*The function availability depending on the transceiver version)

Functions / Specifications	IC-F8101
Frequency Range	TX: 1.6 ~ 29.9999 MHz RX: 0.5 ~ 29.9999 MHz
Channels	500
Dimensions (W × H × D: Projections are not included)	174 × 62 × 259 mm, 6.8 × 2.4 × 10.2 in (Controller attached type)
Weight (approx.)	3.9 kg; 8.6 lb (Controller attached type)
RF output power (High)	J3E/A1A: 125, 50, 10 W PEP (typical) A3E: 30, 12.5, 3 W (typical) F1B/J2B: 75, 50, 10 W PEP (typical)
Power Supply Requirements	13.8 V DC Negative ground 11.73–15.87 V
IP Rating / MIL-STD	IP54 / MIL810G
Display	●
Keypad	●
AF Output Power (Internal SP)	4.0 W (10% distortion)

License-Free Radios for Professional Use

MURS License-Free Radios

IC–V10MR

Analog

Professional Grade License-Free Radio Slim, Compact Dimensions with IP67 Waterproofing

- 5 MURS frequencies
- 2 W RF output power
- 2-Tone, MDC, CTCSS and DTCS capabilities
- IP67 waterproof
- 16 hours battery life (with BP-279)
- 1500 mW loud audio
- Built-in Motion sensor
- Lone Worker and Man Down functions
- Up to 2 miles in a work site*
- Download free programming software

*Communication range may differ depending on operating environment or weather conditions, etc.

MURS License-Free Radios

IC–V3MR

Analog

Rugged, Loud and Reliable Professional License-Free Radio

- 5 MURS frequencies
- 2 W RF output power
- 2-Tone, MDC PTT ID, CTCSS and DTCS capabilities
- IP54 Water and Dust protection and MIL810G
- 24 hours battery life (with BP-298)
- 1500 mW loud audio from internal speaker
- 1500 mW audio output from optional BTL speaker-microphone, HM-222HLWP
- Lone Worker function
- Up to 2 miles in a work site*
- Download free programming software

*Communication range may differ depending on operating environment or weather conditions, etc.

Canada GMRS/FRS License-Free Radio

IC–U20GM

Analog

Perfect Radio for Restaurants and Retail Shops Enhances Hospitality

- 22 Canada GMRS/FRS channels
- Compact and lightweight
- IP54 / MIL810G
- 19 hours operation (with BP-304A)
- USB Type-C™ charging
- 600 mW loud and clear audio
- Built-in CTCSS and DTCS
- VOX function for hands-free operation

Functions / Specifications		IC-V10MR	IC-V3MR	IC-U20GM
Frequency Range		151.820, 151.880, 151.940, 154.570, 154.600 MHz	151.820, 151.880, 151.940, 154.570, 154.600 MHz	462.5500-462.7250, 467.5625-467.7125 MHz
Channels		16	16	22
Channel Spacing		11.25/20 kHz	11.25/20 kHz	11.25/20 kHz
Dimensions*1 (W × H × D: Projections are not included)		52.2 × 111.8 × 24.5 mm, 2.1 × 4.4 × 1.0 in	56 × 97 × 36.4 mm, 2.3 × 4.4 × 1.4 in	50 x 94 x 26.7 mm, 2.0 x 3.7 × 1.1 in
Weight*1 (approx.)		240 g, 8.5 oz	270 g, 9.5 oz	157 g, 5.5 oz
RF output power (High)		2 W	2 W	1 W
IP Rating / MIL-STD		IP67	IP54 / MIL810G	IP54 / MIL810G
Operating Time*2 (Hours)		16	24	19
Display				●
Keypad				Limited
AF Output Power (Internal SP)		1500 mW typ.	1500 mW typ.	600 mW typ.
CTCSS/DTCS	Encoder/Decoder	●	●	●
2-Tone	Encoder/Decoder	●	●	
5-Tone	Encoder/Decoder			
DTMF		●	●	
MDC 1200		●*6	●*3	
Man Down		●		
Lone Worker		●	●	●
Motion Detection Sensor		●		
Channel Announcement		●		
Status Message		●*5	●*5	
Emergency Call		●	●*5	

*1 With standard battery pack. *2 5:5:90 duty cycle, power save ON. *3 PTT ID and emergency call (TX). *4 TX only. An MDC compatible transceiver is necessary for receiving. *5 RX only.
*6 PTT ID, emergency (TX/RX), radio check (RX), stun/revive (RX) only.

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

Intrinsically Safe Radios

Ensuring safe operations in explosive atmosphere environments with our comprehensive range of intrinsically safe products.

From petrochemical plants and pharmaceutical facilities to food processing operations and paint booths, our explosion-proof solutions deliver reliable protection and exceptional performance in hazardous locations where flammable gases or combustible dust are present. Our products cover risk levels, providing total support for your safe operations.

Our rigorously intrinsically safe certified explosion-proof technology enhances workplace safety while optimizing operational efficiency.

COMING SOON

Intrinsically Safe Wi-Fi Transceiver

IP120EX

IECEx/ATEX Wi-Fi Radio for Hazardous Working Environments

- Communication System Using Wi-Fi Network
- Full Range of Safety Functions, Man Down, Lone Worker, Motion/Stationary Detection, and Emergency functions
- Full Dot-Matrix Display and User-Friendly Operation
- Optional Headset/Microphone Accessories
- Simultaneous TalkListen™ provides full-duplex one-to-many communication
- IP67 / MIL810G

Activates soon

Approval Pending

Intrinsically Safe Digital Transceivers

IC-F52D-UL/F62D-UL

UL Approved Intrinsically Safe Digital Handheld with 5 W output power

- IP67/66/55/54 / MIL810G
- Small, light and feature packed
- Multiple operating modes
- Full dot-matrix display, rotary channel and volume knob for simple every-day operation
- Built-in Bluetooth®*1 capability, Voice Recording, Active Noise Canceling functions
- Motion/Stationary Detection, Man Down and Lone Worker functions

LISTED E475176

IECEx/ATEX Rating	IP120EX
Gas	IECEx: Ex ib IIC T4 Gb ATEX: II 2G Ex ib IIC T4 Gb
Dust	IECEx: Ex ib IIIC T110°C Db ATEX: II 2D Ex ib IIIC T110°C Db
Mining	IECEx: Ex ib I Mb ATEX: I M2 Ex ib I Mb

The application for certification is currently pending.

NXDN™ | Conventional | Single/Multi-Site Trunking (Optional*2)

*1 Depending on version. *2 License key upgrade required.

UL Classification Rating

Intrinsically safe:
Class I, Division 1, Groups C D;
Class II, Division 1, Groups E F G;
Class III, T3C.

Non-incendive:
Class I, Division 2, Groups A B C D.

Ambient temperature:
−20°C (−4°F) to +60°C (+140°F)

Intrinsically Safe when used with BP-292UL battery pack.

DO NOT use any combination other than specified options for UL intrinsically safe. Please ask your dealer to ensure the UL Classification rating is acceptable for the intended place of use.

Specifications		IP120EX
Wi-Fi Standards		IEEE802.11 ac/n/g/b/a
Frequency Range	2.4 GHz	20 MHz BW: 11 ch
	5 GHz	20 MHz BW: 19 ch 40 MHz BW: 9 ch 80 MHz BW: 4 ch
Maximum Data Rate		433, 150, 54, 11 Mbps (theoretical)
Security		WPA3-Enterprise, WPA3-SAE WPA2-Enterprise, WPA2-PSK WPA-Enterprise, WPA-PSK
Dimensions (W × H × D: Projections are not included)		56.2 ×118.0 x 33.3 mm, 2.2 × 4.6 × 1.3 in without battery
Weight (approx.)		210 g, 7.4 oz without battery
RF Output Power (High)		10 mW/MHz or less
IP Rating / MIL-STD		IP67 / MIL810G
Operating Time (Hours)		TBD
Display		●
Keypad		Limited
AF Output Power (Internal SP)		500 mW typ.

Specifications	IC-F52D-UL IC-F62D-UL
Frequency Range	136 ~ 174 MHz 350 ~ 400, 400 ~ 470, 450 ~ 512, 450 ~ 520 MHz
Channels	512
Digital Channel Spacing	6.25/12.5* kHz
Dimensions (W × H × D: Projections are not included)	56 × 92 × 34.1 mm, 2.2 × 3.6 × 1.3 in
Weight (approx.)	270 g, 9.5 oz
RF Output Power	5 W
IP Rating / MIL-STD	IP67/66/55/54 / MIL810G
Operating Time (Hours)	10
Display	●
Keypad	Limited
AF Output Power (Internal SP)	1300 mW typ.

* NXDN™ only.

Body Camera

Capturing the truth with next-generation wearable recording systems Discover our comprehensive range of body cameras designed to deliver objective evidence recording and enhanced safety across police, security, medical, and transportation sectors.

Featuring Full HD high-definition recording, extended battery life, and rugged waterproof, dustproof, and shock-resistant construction for reliable performance in the most demanding environments. Advanced GPS location tracking and live streaming capabilities enable real-time situational awareness and remote monitoring.

Our lightweight, compact design minimizes impact on daily operations while maximizing transparency, incident prevention, and personnel safety. Whether for law enforcement, security services, emergency response, or customer-facing roles, our body cameras provide the reliable video evidence you need.

Trusted recording technology that delivers peace of mind and operational excellence in the field.

NEW

Body Camera

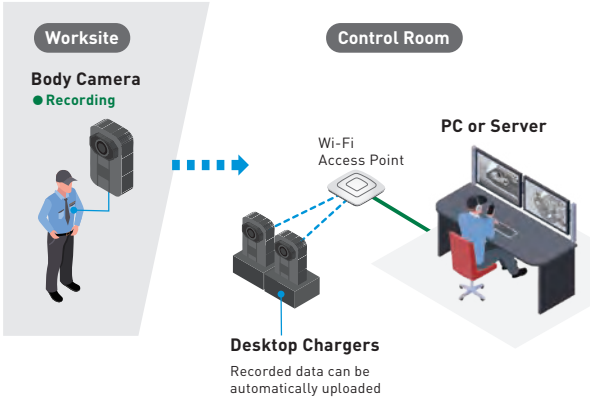
CAM-100B

Body-worn Camera with Local Memory Recording and Wi-Fi Live Streaming

- Body-worn camera with local memory card recording and Wi-Fi live streaming
- Supporting ONVIF® Profile features / H.265 / H.264 / AAC
- 1920 × 1080 pixels, 30 FPS (memory recording mode) / 140 degrees view (image stabilization OFF) / Infrared LED for night vision
- More than 6 hours of recording / 3 hours of live streaming / Pre-recording function
- Dual microphones with wind noise reduction
- Either 64 GB internal memory version (user not replaceable) or microSD card slot version (memory card not supplied)
- Integrated GNSS technology
- IP68 dust-tight and advanced waterproof MIL-STD-810G environmental protection
- Wi-Fi 6 compatible (2.4 GHz / 5 GHz bands) / WPA3™ enterprise / 802.11k/v/r fast roaming
- BP-311 battery pack and MBB-8 belt clip supplied / Optional MBA-17 magnet mount for chest mount

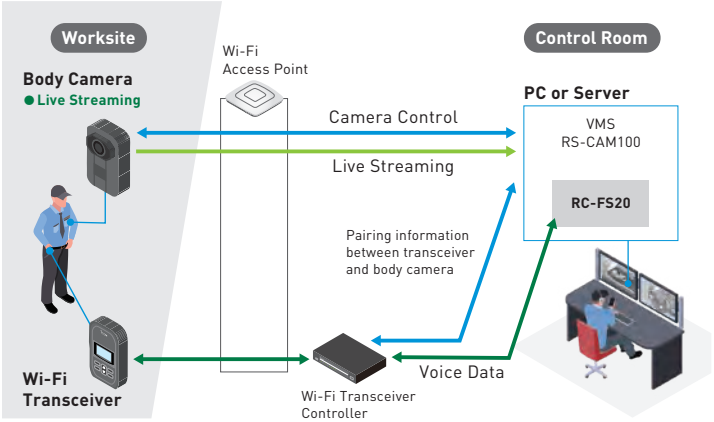
Activates soon

Standalone Recording Mode



Records video locally and uploads it to the server for review in the control room.

Wi-Fi Live Streaming Mode



Connects to on-site Wi-Fi™ to stream live video.

NEW

Video Management System

RS-CAM100

Video Management System (VMS) that displays body camera footage from the person speaking on the Wi-Fi transceiver and monitors Wi-Fi transceiver transmission status

- Automatically displays corresponding body camera feed when someone transmits
- Monitors transceiver transmission activity
- Enables two-way voice communication with transceivers
- Shows device inventory (cameras and transceivers on the network)

The CAM-100B and RS-CA100 are under development and specifications are subject to change.

How the World Communicates

Providing advanced communications, and creating a safe and prosperous society, is what Icom is best at.
We are leading people and society into a bright future by connecting the world with the latest in wireless technology.
Icom is **"How the World Communicates."**

Icom Inc. 1-1-32, Kaminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 *For the latest information, please visit* **www.icomjapan.com**

Icom America Inc.
www.icomamerica.com

Icom (Europe) GmbH
www.icomeurope.com

Icom France s.a.s.
www.icom-france.com

Icom Canada
www.icomcanada.com

Icom Spain S.L.
www.icomspain.com

Icom (Australia) Pty. Ltd.
www.icom.net.au

Icom Brazil
E-mail: sales@icombrazil.com

Icom (UK) Ltd.
www.icomuk.co.uk

Icom Asia Co., Ltd.
www.icomasia.com

LT 25BKZ528