






SPECIFICATIONS

Operating temperature range	0°C to +40°C
Power supply voltage	12 V DC
Current drain (approximate)	600 mA
Dimensions (W×H×D)	483 × 44 × 219 mm (1U height)
Weight	2.25 kg
LAN	RJ-45 connector × 4 (100BASE-TX)
WAN	RJ-45 connector × 1 (100BASE-TX)
LED	Power, Error, Status
Conformity Standards	ETSI TS 102 658

REAR PANEL VIEW



COMPATIBLE MODELS

	VHF (136—174 MHz)	UHF (400—470 MHz)
Transceivers 	IC-F3400DPT/DPS/DP IC-F3262DT/DS IC-F3162DT/DS IC-F5400DP/DPS IC-F5062D IC-F5061D	IC-F4400DPT/DPS/DP IC-F4262DT/DS IC-F4162DT/DS IC-F6400DP/DPS IC-F6062D IC-F6061D
dPMR Mode 3 compatible transceivers (versions) are required.		
Repeaters 	IC-FR5100/FR5100H IC-FR5000 IC-FR5200H UR-FR5100 UR-FR5000	IC-FR6100/FR6100H IC-FR6000 IC-FR6200H UR-FR6100 UR-FR6000
dPMR digital repeaters (versions) are required.		
Ethernet Board 	UC-FR5000SE is required for each repeater. * UC-FR5000SE is already installed to IC-FR5200H or IC-FR6200H.	
VPN Router 	SR-VPN1 is the best match VPN router for the IC-FC5000E trunking system.	
SYSTEM MANAGER 	The RS-MGR2 monitors the hardware status and network connectivity/statistics and collects the communication and traffic logs.	

dPMR MODE 3 FEATURES AND SERVICES

Individual Call	Radio to Radio calls
Group Call	Group call to a preprogrammed talk group
Broadcast Call	One-way voice call to a preprogrammed talk group
All Call	Radio to all users calls
Gateway Call* (*External gateway device required)	Connect with line connected destinations. (Telephone or SIP phones) to expand the radio communication.
Short Data Message (SDM)	A data service that supports a variety of standard formats – Binary Code, Text (up to 100 characters), GPS.
Status Call	32 preprogrammed status messages can be sent and received.
Transparent Data Call	This function uses a dPMR radio as a data modem allowing data communication on a 6.25kHz channel such as for a remote telemetry system or data application.
GPS Data Delivery	Sends GPS position data with Status, SDM and emergency calls or at regular intervals.
Emergency Call & Alert	This is the highest priority type of call. The network will attempt to connect this type of call as quickly as possible.
Pre-emptive Emergency	If all traffic channels are busy, this call service clears down an existing call and gives the emergency call priority.
Ambience Listening for remote monitoring	The ambience listening function allows to turn on the PTT from a remote location and transmit anything the microphone hears for a preprogrammed period.
Remote Kill	This function disables a lost or stolen radio over the air, eliminating security threats from undesired listeners.
Remote Stun/Revive	The remote stun function temporary locks out a radio until the revive command is received, or the user password is entered.
Call Back* (* Radio function)	Up to ten missed incoming calls can be stored in the radio to return the call later.
Call Queue	If a called party or channel is busy, the calling party is queued for the call. The call queue automatically connects the call when a channel or the called party becomes free.
Voice Scrambler/Encryption* (* Radio function)	dPMR radios provide a 15-bit digital voice scrambler as standard. The IC-F3400DP/F5400DP series provide 4-key DES encryption as standard and can be upgraded 64-key DES and AES encryption.
ANI* (Automatic Number Identification) (* Radio function)	dPMR radios show the alias ID number on the LCD while receiving a call, allowing the radio user to identify who is calling.
Late Entry to group call	If a group call is in progress, when a member of the group turns on the radio or comes into the radio coverage area, this function shows caller's name and allows the user to join the conversation.
Call Limit Timer	Fixed or dynamic call time programmable.

Icom, Icom Inc. and the Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries. IDAS logo is a trademark of Icom Incorporated. dPMR and the dPMR logo are trademarks of the dPMR MoU Association. All other trademarks are the properties of their respective holders.

Icom Inc. 1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

www.icom.co.jp/world

Count on us!

Icom America Inc.

12421 Willows Road NE,
Kirkland, WA 98034, U.S.A.
Phone: +1 (425) 454-8155
Fax: +1 (425) 454-1509
E-mail: sales@icomamerica.com
URL: <http://www.icomamerica.com>

Icom (Europe) GmbH

Communication Equipment
Auf der Krautweide 24
65812 Bad Soden am Taunus, Germany
Phone: +49 (6196) 76685-0
Fax: +49 (6196) 76685-50
E-mail: info@icomeurope.com
URL: <http://www.icomeurope.com>

Icom France s.a.s.

Zac de la Plaine,
1 Rue Brindejonc des Moulinais, BP 45804,
31505 Toulouse Cedex 5, France
Phone: +33 (5) 61 36 03 03
Fax: +33 (5) 61 36 03 00
E-mail: icom@icom-france.com
URL: <http://www.icom-france.com>

Shanghai Icom Ltd.

No.101, Building 9, Caifuxingyuan Park,
No.188 Maoting Road, Chedun Town,
Songjiang District, Shanghai, 201611, China
Phone: +86 (021) 6153 2768
Fax: +86 (021) 5765 9987
E-mail: bjicom@bjicom.com
URL: <http://www.bjicom.com>

Your local distributor/dealer:

Icom Canada

Glenwood Centre #150-6165
Highway 17A, Delta, B.C.,
V4K 5B8, Canada
Phone: +1 (604) 952-4266
Fax: +1 (604) 952-0090
E-mail: info@icomcanada.com
URL: <http://www.icomcanada.com>

Icom Spain S.L.

Ctra. Rubi, No.88 "Edificio Can Castanyer"
Bajos A 08174, Sant Cugat del Valles,
Barcelona, Spain
Phone: +34 (93) 590 26 70
Fax: +34 (93) 589 04 46
E-mail: icom@icomspain.com
URL: <http://www.icomspain.com>

Icom (Australia) Pty. Ltd.

Unit 1 / 103 Garden Road,
Clayton, VIC 3168 Australia
Phone: +61 (03) 9549 7500
Fax: +61 (03) 9549 7505
E-mail: sales@icom.net.au
URL: <http://www.icom.net.au>

Icom Brazil

Rua Iitororó, 444 Padre Eustáquio
Belo Horizonte MG,
CEP: 30720-450, Brazil
Phone: +55 (31) 3582 8847
Fax: +55 (31) 3582 8987
E-mail: sales@icombrasil.com

Icom (UK) Ltd.

Blacksale House, Altra Park,
Herne Bay, Kent, CT6 6GZ, U.K.
Phone: +44 (0) 1227 741741
Fax: +44 (0) 1227 741742
E-mail: info@icomuk.co.uk
URL: <http://www.icomuk.co.uk>

Asia Icom Inc.

6F No. 68, Sec. 1 Cheng-Teh Road,
Taipei, Taiwan, R.O.C.
Phone: +886 (02) 2559 1899
Fax: +886 (02) 2559 1874
E-mail: sales@asia-icom.com
URL: <http://www.asia-icom.com>

