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The F3161, F4161 & FR5000/6000 Analog & Digital Repeater are part of the Icom Digital Advanced System (IDAS); the most advanced radio system available today. Double your 12.5 KHz channel allocation. Receive analog and digital signals on a single channel. Click on the links below to see the full product details.

FR5000-FR6000 IDAS Analog-Digital Repeater [F3161/F4161 Portable](#) - [F5061 Mobile](#) - [FR5000 Repeater](#) - [FR6000 Repeater](#)

Download the Icom Professional Communications "[Hard Working Radios](#)"; A 32 Page Guide to Land Mobile Radios

Contact Your RF Marketing Representative for pricing and availability - Click [HERE](#) to locate your Rep.

Department	Phone	Fax	Email
Dealer Sales	800.858.6250	800.858.0684	icomsales@icomamerica.com
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Service - Repairs	800.253.1498	425.421.1064	service@icomamerica.com
Chicago Service	888.616.9600	800.408.0333	
Service Parts	800.346.0495	425.586.6305	parts@icomamerica.com
Credit	800.858.4886	425.450.6023	scottlatta@icomamerica.com
Literature	800.999.9877	425.450.6080	www.icomamerica.com/dealersonly/

Icom began in 1954 as engineering and manufacturing company in the business of designing, engineering, and manufacturing highly advanced, compact solid-state radio equipment for use in the [Amateur](#) industry. The company's product line has since expanded to include communications equipment and products based in the [Land Mobile](#), [Marine](#), and [Avionics](#) industries.

Features	Portables					Mobiles				
136-174 MHz	F70(D)S	F3161(D)S	F50 (V)	F3021S	F14	F3011	F1721(D)	F5061(D)	F5021	F121 (S)
UHF (MHz) 400-470, 450-512, * 440-490	F80(D)S	F4161(D)S	F60 (V)	F4021S	F24	F4011	F2721(D)	F6061(D)	F6021	*F221 (S)
Channels/Banks	256/32	512/128	128/8	128/8	16 Ch	16 Ch	256/32	512/128	128/8	128 or 8 Ch
Channel Spacing (KHz)	12.5/25 15/30	12.5/25 15/30 6.25 Opt	12.5/25 15/30	12.5/25 15/30	12.5/25 15/30	12.5/25 15/30	12.5/25 15/30	12.5/25 15/30 6.25 Opt	12.5/25 15/30	12.5/25 15/30
DTMF Keypad	Yes	Yes		Yes			F1821/F2821	HM-152T	HM-152T	HM-152T
<FM> Approved	Optional		Optional							
Alpha-Numeric Display	12/24	12/24	8	8			12/24	12/24	8	8
IDAS 6.25 KHz		UT-126H						UT-119H		
LTR ® Trunking		Yes						Yes		
PassPort®		Yes						Yes		
P25	Yes						Yes			
MDC1200	Yes	Yes	Yes	Yes	Encode Only		Yes	Yes	Yes	Encode (S)
Submersible	IPX7	IP55	IP67	IP54 Splash				IP54 Splash		
Remote Mount							RMK-2	RMK-3		
Inversion Scrambler	Yes	Yes	Yes				Yes	Yes		
Optional Plug in Modules: UT109 32 Code, UT-110 1020 Codes, are optional on all portables except F3011/F4011 and F50/F60 (V)										
Digital Encryption	DES/AES						DES/AES			
Voice Storage			Optional							
Vibrating Alert			Optional							
Man Down	UT-124	UT-124		UT-124	UT-124					
Brochure	Download	Download	Download	Download	Download		Download	Download	Download	Download
Manual	Download	Download	Download	Download	Download		Download	Download	Download	Download

Icom Portables and Mobiles pass MIL-STD 810F test procedures and feature built in multiple 2-tone and 5-tone signaling

[Icom Portable Radio Website](#) | [Icom Land Mobile Website](#) | [Icom Avionics Website](#) | [Icom Marine Website](#) | [Icom Systems Website](#)

Icom America Systems

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IAS engineers and assembles turnkey communications systems using components from our partner suppliers; our capabilities include conventional LTR* and PassPort** trunking from 25 to 960 MHz

FR3000/4000 All in One Repeater/Base Station

[Brochure](#) | [Manual](#) | 50W VHF/40W UHF, DTMF

FR5000/6000 All in One Digital/Analog Repeater

[Brochure](#) | 5-50W | 25 watt 100% Duty Cycle

IAS RFT Eclipse Series P25/Analog Repeaters and Base

[Brochure](#) | Software Defined Flexibility - Auto Sense Digital-Analog - IP Controlled
www.rfmarketing.com/icom.htm

IAS X<>band 50 Crossband Base/Repeater

[Brochure](#) | 50W VHF/45W UHF | 220/110/12 Volt Capable

IAS Voting Receivers | VHF/UHF Wide/Narrowband

[Brochure](#) | Rack Mount 1 RU

IAS-100W Cabinet or Rack Mount Base/Repeater

[Brochure](#) | 100W VHF/100W UHF |FR3000/4000 as Exciter/Driver