

# Wireless Routers & Cellular Modems Feature Comparison



	Intelligent Wireless Routers Wireless routers with integrated cellular modem					Intelligent Cellular Modems Cellular modems with Universal IP* stack for enhanced M2M functionality				Cellular Modems Ready-to-deploy cellular modems		USB Cellular Modems Ready-to-deploy cellular dongle	
	MultiConnect® rCell (MTR-) & MultiModem® rCell (MTCBA-)					MultiModem® iCell (MTCMR-)				MultiModem® Cell (MTCBA-)		QuickCarrier™ USB-D (MTD-)	
Model	H6-Bxx	H5-EN2	EV2-EN2-Nx	G2-EN2	C1-EN2-Nx	H5	EV2-Nx	G2	C1-Nx	C1-Nx	G2	H5	EV3-N3
Cellular Technology	3G/2G, HSPA	3G/2G, HSPA+	3G, 2G EV-DO	2G GPRS	2G CDMA	3G/2G, HSPA+	3G, 2G EV-DO	2G GPRS	2G CDMA	2G CDMA	2G GPRS	3G/2G HSPA+	3G/2G EV-DO
Frequency Bands - 3G	850/900/2100	850/900/1700/1900/2100	800/1900	NA	NA	850/900/1700/1900/2100	800/1900	NA	NA	NA	NA	850/900/1700/1900/2100	800/1900
Frequency Bands - 2G	850/900/1800/1900	850/900/1800/1900	800/1900	850/900/1800/1900	800/1900	850/900/1800/1900	800/1900	850/900/1800/1900	800/1900	800/1900	850/900/1800/1900	850/900/1800/1900	800/1900
Serial	1 - RS232	1 - RS232	1 - RS232	1 - RS232	1 - RS232	1 - RS232	1 - RS232	1 - RS232	1 - RS232	1 - RS232/ RS422	1 - RS232/ RS422	N	N
Ethernet	1	1	1	1	1	N	N	N	N	N	N	N	N
USB	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y
I/O	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N
Power Requirements	7-32VDC	9-32VDC	9-32VDC	9-32VDC	9-32VDC	9-32VDC	9-32VDC	9-32VDC	9-32VDC	9-32VDC or USB Bus	9-32VDC or USB Bus	USB Bus	USB Bus
Operating Temp	-40° to +185°F	-22° to +167°F	-40° to +167°F	-40° to +185°F	-40° to +185°F	-22° to +122°F	-22° to +122°F	-22° to +122°F	-22° to +122°F	-40° to +158°F	-22° to +158°F	32° to 122° F	32° to 122° F
WiFi®/Bluetooth® Models Available	Y	N	N	N	N	N	N	N	N	N	N	N	N
GPS Tracking Models Available	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
Carrier Approvals	N/A	AT&T, Rogers, Telus	Sprint, Verizon, Aeris	AT&T	Sprint, Verizon, Aeris	AT&T, Rogers, Telus	Sprint, Verizon, Aeris	AT&T	Sprint, Verizon, Aeris	Sprint, Verizon, Aeris	AT&T	AT&T	Verizon
Certifications	GCF Certified Module	FCC, IC, PTCRB, R&TTE	FCC	FCC, IC, PTCRB, R&TTE	FCC, IC	FCC, PTCRB, R&TTE	FCC, CDG	FCC, PTCRB, R&TTE	FCC, IC, CDG	FCC, CDG	FCC, PTCRB, R&TTE	FCC, PTCRB	FCC
Chassis Style	Blue Metal	Silver Metal	Silver Metal	Silver Metal	Silver Metal	Silver Metal	Silver Metal	Silver Metal	Silver Metal	Silver Metal	Silver Metal	Plastic	Plastic
Available Bundled*	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NA	NA
Additional Comments						SocketModem® iCell Intelligent Embedded Cellular Modems Available				SocketModem® Cell Embedded Cellular Modems Available			

\* Bundled units include antenna, power supply, and cables.

Note: EDGE models available. Please see your Multi-Tech Sales Representative for more information.

# Why Choose Multi-Tech Systems Routers & Modems?

## High quality products that deliver on the promise

- Easy/simple to implement
- 100% functional testing - Our products always work

## Reliable products that are going to last

- All products are thoroughly tested in Multi-Tech's in-house safety and EMC labs
- Multi-Tech tests beyond standard requirements for vibration, break point, temperature range, cold start, and many more

## Certifications and approvals

- Multi-Tech carries all the appropriate certifications and approvals for global deployments
- With over 40 years of experience working with various approval labs, Multi-Tech engineers are able to manage the complexities of obtaining certifications and approvals

## Service and support teams who are experienced experts in M2M communications

- If you have a technical question or challenge, Multi-Tech's team of experts is here to help
- Multi-Tech offers all levels of customer-specific support, allowing you to have a technical partner available to you when you need it

## Stability

- M2M applications require stability and a long shelf life for communications components
- Multi-Tech manages product lifecycles so you don't have to worry about your device becoming obsolete before you're ready

### Wireless Routers

MultiConnect® rCell  
Intelligent Wireless Router



MultiModem® rCell  
Intelligent Wireless Router



### Cellular Modems

MultiModem® iCell  
Intelligent Cellular Modem



MultiModem® Cell  
Cellular Modem



QuickCarrier™ USB-D  
USB Cellular Modem



#### World Headquarters

Tel: (763) 785-3500  
(800) 328-9717  
www.multitech.com

#### EMEA Headquarters

Multi-Tech Systems (EMEA)  
United Kingdom  
Tel: +(44) 118 959 7774

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