MULTITECH®
CREATE · CONNECT · COMMUNICATE

MultiConnect® AW
Analog-to-Wireless Converter

The MultiConnect® AW analog-to-wireless converter is a convenient turnkey solution that allows legacy equipment with built-in analog modems to connect to the cellular packet data network. By emulating the traditional dial-up PSTN network and using integrated or external cellular modems, the affordable MultiConnect AW converter gives new life to devices currently using traditional analog dial-up communications.

FEATURES

- Serial port configuration
- Certified in North America, European Union, and Australia/New Zealand
- Supports packet data and PPP pass-through modes
- RJ-11 port provides dial tone and DTMF detection
- Supports analog modem connections from 300 baud to 33.6K bps with error correction and data compression
- Plastic chassis for indoor environments
- Outbound calling only
- LEDs for visual monitoring of power, signal strength, and phone line status · No RS-232 port for use with external modem
- Two-year warranty

BENEFITS

- Analog-to-wireless migration
- Converts phone number to IP address
- Connects legacy dial-up devices to cellular network

Devices & Data with Analog Modems

- Energy
- Financial / Retail
- Healthcare
- Remote Monitoring

RJ-11 Connection

Connecting Your Devices

Wireless Service Provider

Asset Management Platform

Insight + Action + Control

- Email
- Alerts
- Real-Time Management
- Reports

www.multitech.com/AW

SPECIFICATIONS

Model	MT200A2W-H5
Performance	HSPA+
Frequency Band (MHz)	Penta band 850/900/1700/1900/2100 MHz
Packet Data*	HSDPA data service of up to 21.0 Mbps HSUPA data service of up to 5.76 Mbps
Circuit Switched Data	Up to 14.4 Kbps, non-transparent
Power Requirements	
Voltage	9V to 32V DC @ 400mA
Connectors	
Rf Antenna Connector	50 ohm SMA (female connector)
SIM Connector	Standard 1.8 and 3V SIM receptacle
Dial Connector	RJ11
Command Connector	DE9 (female connector)
Power	2.5mm miniature (screw-on)
Physical Description	
Physical Dimensions (L x W x H)	2.89" x 4.75" x 1.58" (73.4 x 120.6 x 40.1 millimeters)
Physical Weight	0.325 lbs (0.147 Kg)
Chassis Type	Plastic
Environmental	
Operating Temperature	-22°to 167° F (-30° to 75° C)
Storage Temperature	-40°to 185° F (-40° to 85° C)
Relative Humidity	Relative humidity 20% to 90% noncondensing
Certifications	
Regulatory	FCC Class B (US), R&TTE (EU Economic Area), IC (Canada), ACMA/RCM (AU/NZ), IFT (Mexico)
Safety	UL60950-1, cUL60950-1, IEC60950-1, AS/NZS60950-1
Network	PTCRB, AT&T

HIGHLIGHTS

Applications

The MultiConnect AW converter is targeted at applications that have an integrated analog modem as part of the solution, but need to utilize the cellular network for connectivity to their host application. Some examples include:

· Automated teller machines (ATMs)
· Home healthcare monitors
· Security systems
· Credit card/POS terminals
· Kiosks
· Industrial automation/utilities

Legacy PSTN Connectivity Alternative

As it becomes more and more difficult to find analog phone lines in homes and businesses, and analog networks are being sunset, device manufacturers are faced with a problem of finding new ways to connect their legacy analog devices to newer digital communication networks. The MultiConnect AW converter seamlessly integrates with these types of devices allowing them to connect to the cellular network without requiring any changes to the remote device. Simply plug the RJ-11 cable from the existing device into the MultiConnect AW converter, enter a few configuration commands through the RS-232 serial port and you are ready to go.

ORDERING INFORMATION

Model	Description	Accessories Included*	Region
MT200A2W-H5-US	3G Analog-to-Wireless Converter	Yes	US/Can
MT200A2W-H5-EU	3G Analog-to-Wireless Converter	Yes	Euro/ROW
MT200A2W-H5-GB	3G Analog-to-Wireless Converter	Yes	GB/Ireland

* Accessory Kit include power supply, antenna, and cables and are noted as follows.
  -US Includes US style power plug   -EU Includes Euro style power plug   -GB Includes UK style power plug

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SERVICES & WARRANTY

MultiTech's comprehensive Support Services programs offer a full array of options to suit your specific needs. These services are aimed at protecting your investment, extending the life of your solution or product, and reducing total cost of ownership. Our seasoned technical experts, with an average tenure of more than 10 years, can walk you through smooth installations, troubleshoot issues and help you with configurations.

INSTALLATION SUPPORT

MultiTech's Installation Support Service delivers priority service with the ability to work one-on-one with an experienced MultiTech technical support engineer, to guide you through the installation process for our products.

TECHNICAL SUPPORT SERVICES

At MultiTech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from.

For additional information on Support Services as well as other service offerings, please contact your MultiTech representative or visit www.multitech.com/support.go

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