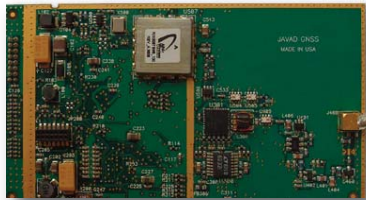




AW100Rx



For operation manuals and other technical documents please see links below. To update your modem now (and frequently later) please visit our website and download the latest firmware. Here are links to the AW100Rx firmware, documentation, and utilities:

- **AW100Rx Newest Firmware Version**

<http://www.arwestcom.com/support/updates>

- **AW100Rx User Manual**

http://www.arwestcom.com/doc/AW100Rx_User_Manual.pdf

- **AW100Rx Data Sheet**

http://www.arwestcom.com/doc/AW100Rx_Datasheet.pdf

- **AWLaunch (Modem Configuration Software) free**

<http://www.arwestcom.com/doc/AWLaunch.zip>

- **AWLaunch Software Manual**

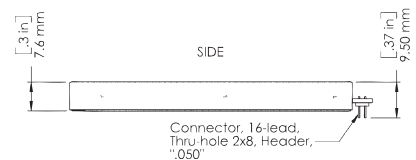
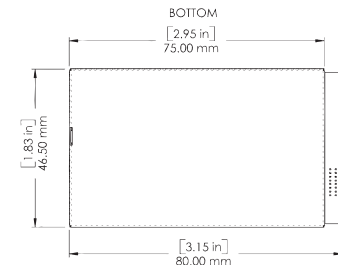
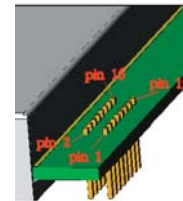
http://www.arwestcom.com/doc/AWLaunch_Software_Manual.pdf

AW100Rx

Support Inquiries

The support area of the website www.arwestcom.com provides access to frequently asked questions, configuration procedures, manuals, e-mail support, etc. Should you have any problems with AW100Rx, please contact ArWest Customer Support support@arwestcom.com. Generally, you will receive a response within 24 hours or less, depending on the severity of the problem.

PIN #	Signal Designator	Signal name	I/O	Comments
1	GND	GND	-	Signal and Chassis Ground
2	DSP UART 1	TXD	TTL Input	Serial Data Input
3	DSP UART 2	RXD	TTL Output	Output for received serial data
4	DPORT5	DTR or DP/MP	TTL Input	Control line can be used as a backup method for entering Command mode: (0V) – Maintenance Mode; (3.3V) – Data Mode An internal 100K pull-up enables Data Mode if this signal is left unconnected. Maintenance Mode is also accessible by transmitting an escape sequence.
5	DPORT1	CTS	TTL Output	Used to control transmit flow from the user to the radio: (0V) – Transmit buffer not full, continue transmitting (3.3V) – Transmit buffer full, stop transmitting
6	TTL1	SLEEP	TTL Input	In sleep mode, all radio functions are disabled consuming less than 100µA. An internal 10K pull-down wakes up the radio if this signal is left unconnected. At wake up, any user programmed configuration settings are refreshed from flash memory, clearing any temporary settings that may have been set: (3.3V) – Sleep Radio; (0V) – Wake Radio As an option could be used as TTL Input Line 1.
7	DPORT3	MDM_GRN	TTL Output	Used by remotes to indicate that the remote has successfully acquired the signal from base station: (0V) 1 – Carrier detected (synchronized) (3.3V) 0 – No carrier detected (not synchronized)
8	DPORT4	RTS	TTL Input	Gates the flow of receive data from the radio to the user on or off. An internal 10K pull-down enables data receive if this signal is left unconnected. In normal operation, this signal should be asserted: (0V) – Receive data (RxD) enabled (3.3V) – Receive data (RxD) disabled
9	DPORT2	DSR	TTL Output	Used to control transmit flow from the user to the radio: (0V) 1 – Receive buffer has data to transfer; (3.3V) 0 – Receive buffer is empty
10	RES CONT	RESCONT	TTL Input	Reset the radio by shortening this pin to the ground.
11	TTLO1	TTLOUT1	TTL Output	TTL Output
12	TTLO2	TTLOUT2	TTL Output	TTL Output
13	GND	GND	-	Signal and Chassis Ground
14	TTL2	TTLIN	TTL Input	An internal 100K pull-up resistor is applied.
15	VCC56	PWR	External	Regulated positive 5.6V DC from ext. Power Supply.
16	VCC56	PWR	External	Regulated positive 5.6V DC from ext. Power Supply.



Read this First