



A.W. Communication Systems Limited



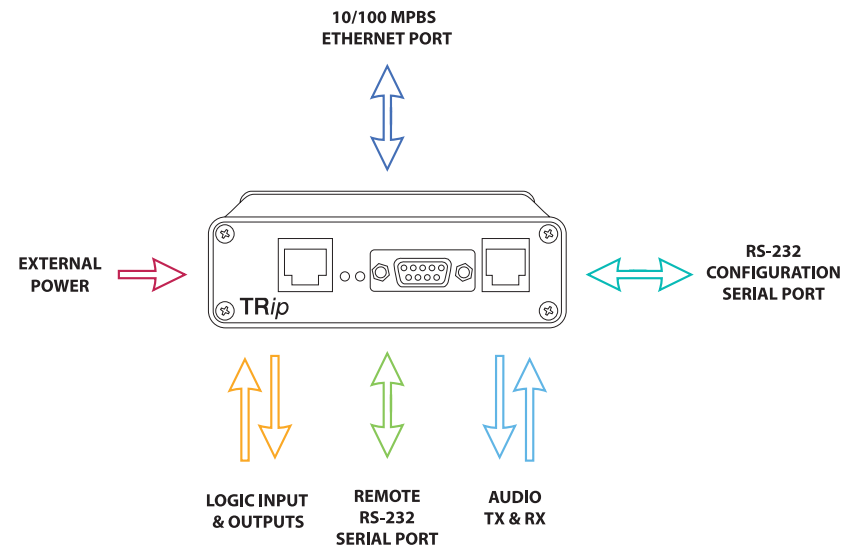
**TRip**

IP Gateway for four wire analogue circuits  
used in the PMR industry

For historic reasons the PMR (Private Mobile Radio) market has often used 4 wire analogue circuits provided by the local PTT to carry audio between operators and remotely situated transmitters.

The increasing availability of low cost “always on” IP connections has raised the possibility that these links can be replaced using a packet based connection rather than the direct physical connection provided by the older 4 wire analogue circuits.

The product TRip is specifically designed to satisfy the requirements of the industry for a device that can interface between existing operator/transmitter switch equipment that has a 4 wire audio interface and an IP network capable of carrying the audio traffic as packet data.



## TRip OVERVIEW

The TRip unit can be configured by pointing your web browser at the IP address of the TRip unit (version 2.3.5 or later only). By default the username on the TRip unit will be 'default' with a blank password.

Configuration of the TRip can also be achieved using a "telnet" connection from a PC or terminal connected to the same network as the TRip unit.

From a windows based PC this is achieved by clicking on the "Start" button then selecting "Run" and at the "Open" text entry box type "cmd" and click "OK". This will open a terminal window.

In this window type "telnet" followed by the ip address of the unit you wish to connect to i.e. "telnet 192.168.1.71" and press carriage return.

You will then be presented with an identification screen inviting you to log on to the TRip.

The default login is the word "default" so enter this and press carriage return and you will have full access to the parameters of the TRip unit.

*Full details of the parameters available and the TRip commands can be found at the web site [www.awcsl.com](http://www.awcsl.com) and follow the links for the TRip where a full manual is available in pdf format for download.*

## CONNECTORS

RJ45	Line connector and remote RS232 serial port / TTL / USB
RJ45	Ethernet connector
RJ11	RS232 Local configuration
USB - A	USB 2.0
9 way D-type	Logic inputs / outputs
2 pin power socket	Separate power supply input

## SPECIFICATION

Dimensions:	106mm(w), 128mm(d) & 34mm(h)
Power Supply:	12v dc @ 500mA (power supply provided with unit)
I/O:	Qty 8 User Configurable pins Outputs: Open collector Inputs: Internal pull up
Line:	-2 to -20dBm 4 wire 600ohms (nominally set to -10 dBm)
Audio Compressions:	G.711 at 64 kbps G.726 at 40 kbps G.726 at 32 kbps G.726 at 24 kbps G.726 at 16 kbps Speex at 8 kbps
Case:	Rugged aluminium extrusion

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In the interests of continued development, AWCSL reserve the right to change this specification without notice.