



Combined

data sheet

WRA-232

BI-DIRECTIONAL RS232 INTERFACE



WHAT IS IT?

A network interface for use with Rako wired, wireless or combined systems. The WRA-232 Bridge acts as a bi-directional interface with external control devices via either serial RS232 or Ethernet.

Audio-visual interface for bi-directional RS232 or TCP/IP control of Wired and Wireless Rako systems.



OVERVIEW

The WRA-232 Bridge has two parallel bi-directional data connections, RS232 and Ethernet. Messages received on either are repeated to both Rako's wired and wireless network. Similarly, Rako network transmissions (both wired and wireless) are re-transmitted on both the RS232 and Ethernet ports.

CUSTOM STRINGS

The WRA-232 Bridge has the facility to output custom strings on receipt of a 'trigger' message from a Rako network command. This allows Rako transmission devices to act as controllers for external devices which allow RS232 or IP control.

RS232 INTERFACING

The WRA-232 Bridge offers bi-directional RS232 interfacing supporting an ASCII command set documented in Rako's 'RS232 Command Summary' sheet. Standard communication rate of 9600Baud is configurable via the embedded webpage to support 1200Bd, 2400Bd, 19.2kBd, 57.6kBd and 115.2kBd. Data input via 9 Way 'D' socket.

IP CONTROL

IP control is available using either TCP (Telnet), HTTP or UDP. More information on the command format is available in the Rako document 'Accessing the Rako Bridge'.



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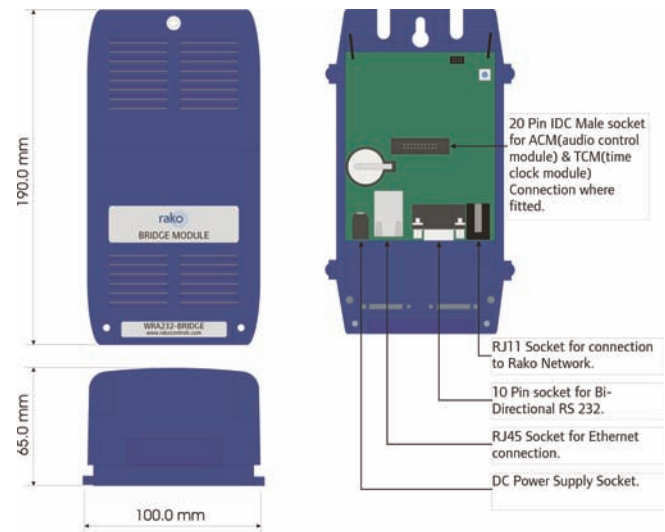
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technical data

dimensions	190x100x65mm
input supply	Powered from RAK-LINK via RJ11 connection or from CAT5 network via optional punch down connector.
housing	ULVO ABS
weight	318g
climate range	Temperature +2C to +40C Humidity +5% - 90% non condensing
rakom cable type	UTP CAT5e or CAT6
rakom terminals	RJ11 Socket - Rakom wired network RJ45 Socket - Ethernet Concentric jack - Aux power 9 way D socket - RS232
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001
communication	Rakom wired network
memory	Flash memory (non volatile) Firmware upgrades via RASOFT programming software

connection details



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