



Wired

data sheet

# WTC-BRIDGE

WIRED PROGRAMMING INTERFACE WITH WIRELESS ETHERNET LINK AND INTEGRAL TCM MODULE



## WHAT IS IT?

A powerful network interface for use with a Rako wired system.

The WTC-Bridge acts as a programming interface, a link between wired and wireless devices as well as having ethernet access for app control via smartphones and tablets.

The WTC-Bridge also has a real-time clock allowing advanced programming, timed events, and holiday mode control.

Programming interface for Rako wired and combined systems with ethernet iPhone or Android link. Complete with integral TCM (Time Clock Module).



## SYSTEM PROGRAMMING

With its connection to the Rako Rakom wired network the WTC-Bridge allows a laptop running Rako's programming software RASOFT to connect directly via a crossover cable or using a router, via WiFi. The WTC-Bridge allows full configuration and programming of a Rako wired or hybrid system.

## WIRED/WIRELESS NETWORK LINKING

In addition to the Rakom wired network connection the WTC-Bridge also has both RF receive and transmit functionality and will re-transmit any wired network commands as RF messages. Similarly RF messages received by the WTC-Bridge are transmitted to the wired network giving a seamless link between the two.

## APP CONTROL

The WTC-Bridge has ethernet connectivity and when connected to a wireless router provides the link to the Rako network for the Rako apps for smartphones and tablets.

## TCM (TIME CLOCK MODULE)

The TCM module fitted to the WTC-Bridge gives the Rako system both timed events and advanced programming features.

## TIMED EVENTS

The TCM time clock unit fitted to the WTC-Bridge has a battery backed real-time clock which, when connected, synchronises with internet time. The TCM also has a full astronomic clock feature allowing timed events to be programmed either on a fixed time, or based on Dawn/Dusk cycles.

## HOLIDAY MODE

The TCM allows recording of normal network activity which can then be replayed to give 'Holiday Mode' security.

## ADVANCED PROGRAMMING

The TCM allows macro programming and allows mapping from both wired and wireless triggers.



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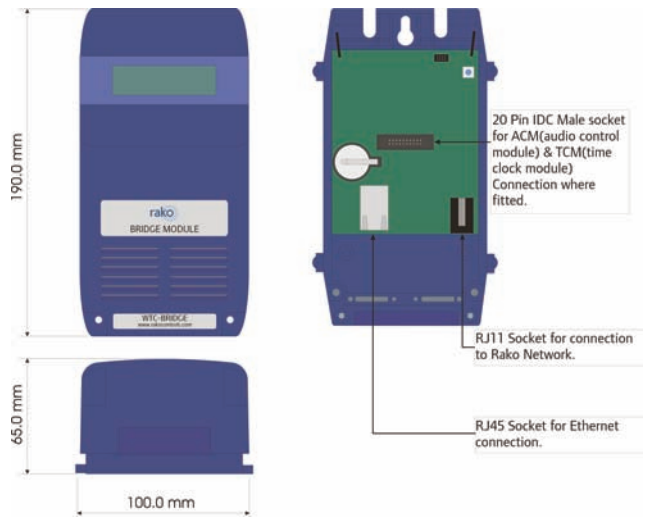
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## technical data

dimensions	190x100x65mm
input supply	Powered from RAK-LINK via RJ11 connection or from CAT5 network via optional punch down connector.
housing	ULVO ABS
weight	365g
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
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001
communication	Rakom wired network Rakom wireless network
memory	Flash memory (non volatile) Firmware upgrades via RASOFT programming software

## connection details



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