

# keene electronics IRAnywhere KIRA128

## Overview

The KIRA128 is part of the Keene IR Anywhere range, and as with the other models in this range it enables IR commands to be sent via a local IP network or internet.

The KIRA128 can act as an IR receiver or as a target (IR emitter). If used as a receiver it will convert the received IR signal to packet data and send that data to a predetermined IP address (usually another IR Anywhere module). The receiving module will then decode the data and re-transmit the IR as originally received. The IR Anywhere modules have their own IP address and can be software configured to operate as either a receiver, a target or stand-alone. They will operate via LAN, and also via WAN assuming firewall and routers are correctly configured.



The KIRA128 is capable of capturing and storing up to 128 IR codes in its on-board memory. These codes can then be accessed and triggered by any device with web browser capability from a local network or internet. For example, once you've stored some codes you can use a smart-phone or PDA as a remote control and issue commands from anywhere in the world that you have internet access.

The IR Anywhere modules are compatible with the 36 ~ 40K IR signals used by the vast majority of domestic AV equipment. A wide band IR receiver can also be used to extend the range to 20KHz ~ 120KHz if required.

The IR inputs and outputs are fully compatible with the existing Keene IR Distribution range so you can use other styles of IR receivers and emitter wands should you need, plus of course the IR output can be fed directly into a Keene IR distribution amplifier for even greater flexibility.

- Control IR equipment via local network or anywhere in the world via internet
- Can be combined with IR distribution system for large installations
- One-to-one or many-to-one control
- Built in Dynamic DNS client support for non-static IP addresses
- DHCP plug and play for LAN
- Can be used as a receiver for the IR Commander Matrix (IRCM) or IR Anywhere (KIRA)

Please note that the modules are NOT compatible with IRDA based code – please contact us if unsure.

## Setup and Operation

The software for these modules is updated regularly and for that reason we are not supplying them with full printed instructions and CD software, rather we ask you to download them from the listed web address so you will always have the up-to-date version.

The modules have a built in web page that can be accessed by entering the module name or IP address into a browser of a computer connected to the same network. The factory default is:

**http://KIRA128** or **http://192.168.1.31**

The default username is "**Keene**" and default password is "**Electronics**" (note the capital "K" and capital "E")

The built-on web page will allow you to change the mode of operation and IP address. To perform advanced operations such as learning IR code you will need to download and install the advanced configuration software from <http://www.keene.co.uk/iranywhere>.

The full set of instructions and help file is available on-line at <http://www.keene.co.uk/iranywhere>



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