Sonifex RB-IPE, IP extender

The Sonifex Redbox RB-IPE can be used in any position where you need to remotely acquire GPO signals or remotely control equipment, for example controlling equipment at unmanned posts, outstations or transmitter sites.

It is a 1U rackmount unit which provides remote control of GPIO and analogue control voltages over an Ethernet network. Configured using a built-in web server, two units can control each other across an Ethernet network, or a single unit can be controlled via Ethernet commands and the webserver interface.

It has 16 x general purpose inputs on 8 x RJ45 connectors, consisting of 8 x isolated current sink inputs and 8 x pull to ground protected inputs; and 16 x general purpose outputs on 8 x RJ45 connectors using 8 x isolated relay change-over contacts and 8 x opto-isolated contacts.

On another 8 x RJ45 connectors there are also 8 x 0 to 3.3V/5V/12V input signals and 8 output signals nominally at 0 to 3.3V output, with other output voltage configurations possible. The outputs can all be controlled from the inputs of another RB-IPE, or from Ethernet commands.

www.sonifex.co.uk/redbox/rbipe_ld.shtml