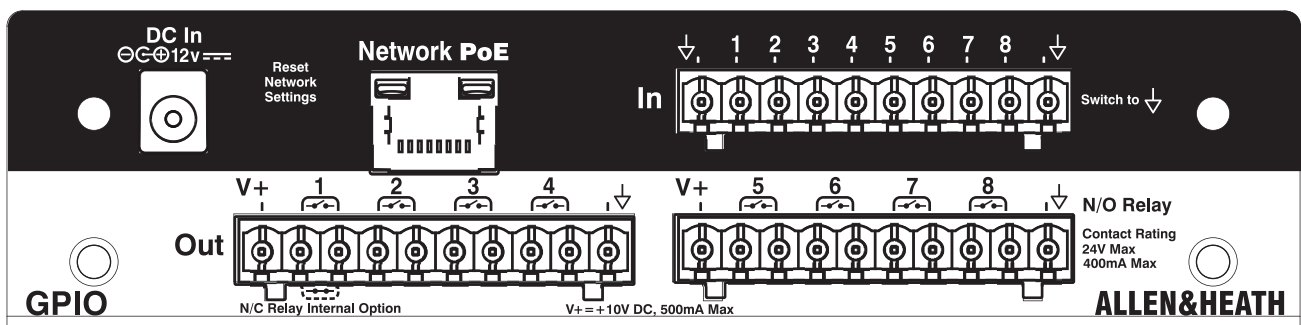
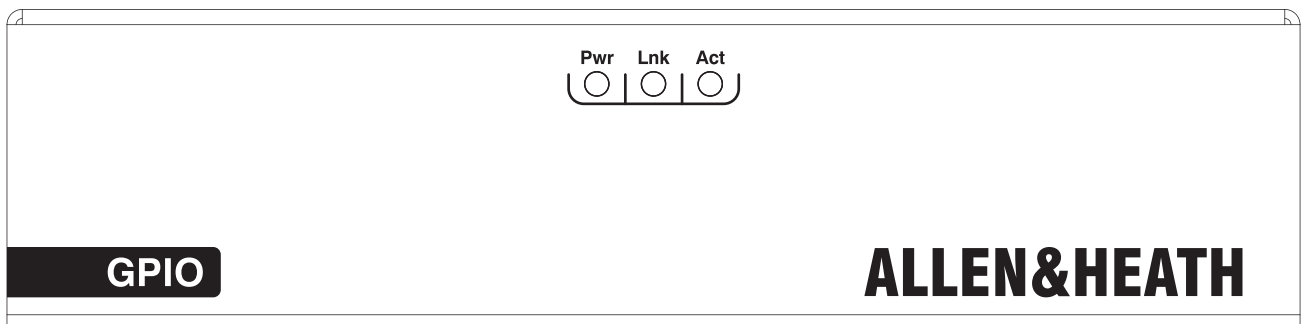


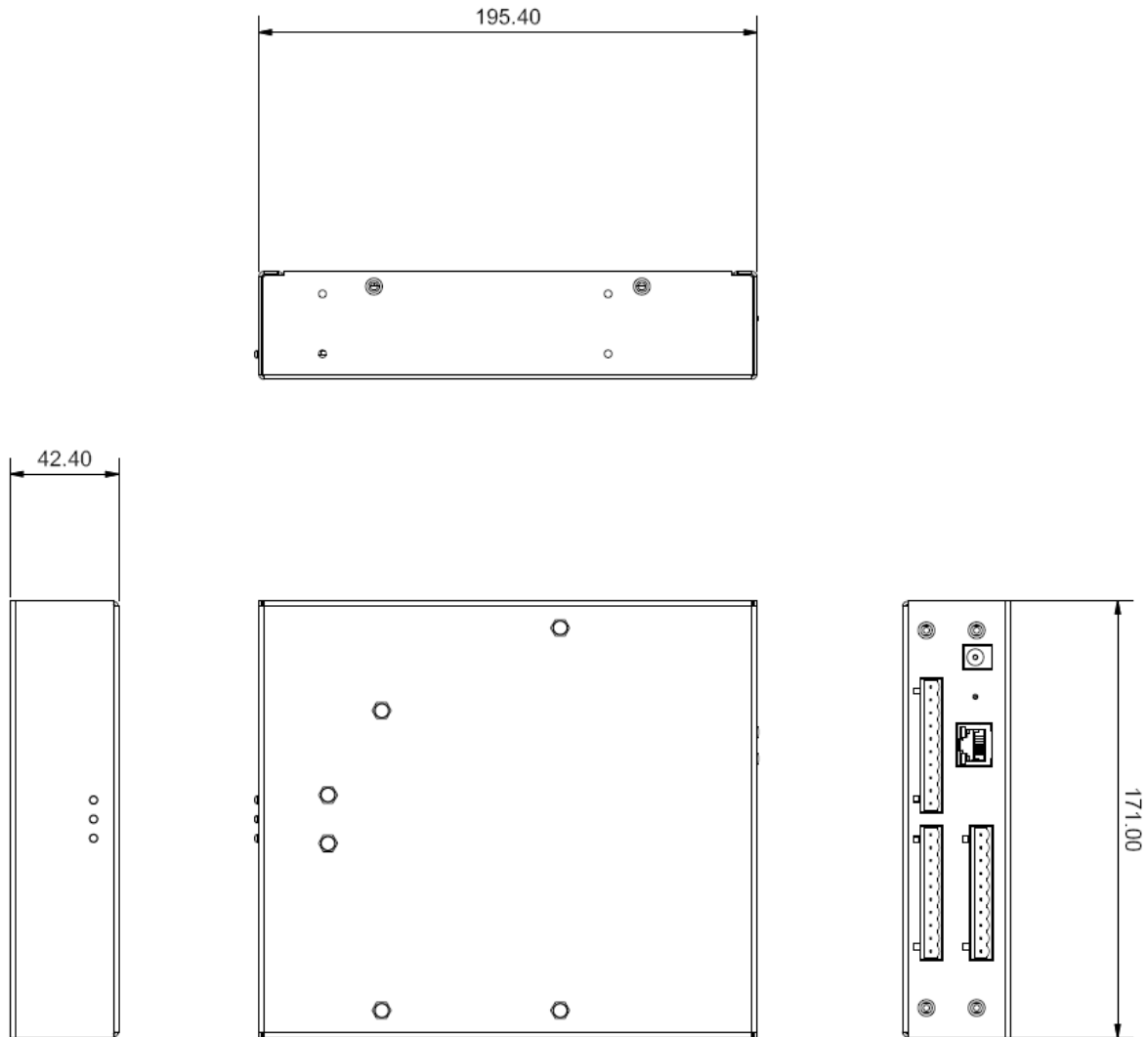
GPIO Technical Datasheet

Overview

- Cat5 connection to dLive MixRack or Surface
- 8 optically protected switched to ground inputs
- 7 normally open (N/O) and 1 switchable normally open (N/O) or normally closed (N/C) relay outputs
 - 24V Max
 - 400mA Max
- 2x 10V outputs (500mA max total)
- Industry standard Phoenix connectors
- Freestanding or rack-mount (1u / ½ Width) operation
- PoE (IEEE 802.3af-2003) compliant
- IO parameters configured via Surface or Director



Dimensions



A&E Specifications

The unit shall be a portable General Purpose Input Output network device used for 3rd party integration to a dLive system.

The unit shall have 8 switched to ground inputs with opto-isolation between inputs. There shall be 7 Normally Open relay outputs and 1 switchable Normally Open or Normally Closed relay output available on industry standard Phoenix connectors. The relays shall have a maximum 10 Watt contact rating and a 0.4 Amp switching current. In addition, the device shall also provide two +10V outputs with a maximum total current of 500mA. IO parameters shall be software assignable via a surface, iPad or control software running on Windows or Mac.

The device shall be connected to a Surface or MixRack via standard cat5 cabling via an RJ45 connector located on the rear panel. A reset button should be available to reinstate factory default network settings if so required.

The unit shall be freestanding, desk-mounted or rack-mounted and optional mounting accessories shall be available. When rack-mounted the unit shall utilise 1U in height and ½ width of a standard 19" rack. The optional mounting unit shall be of a robust construction and allow for two units to be installed in a single rack unit. It should also allow for the blanking of one half if only one unit is installed. There shall be a maximum of 8 units supported in any system.

The unit shall have a built-in power supply accepting 12V DC via the supplied power supply. The unit shall also be PoE (IEEE 802.3af-2003) compliant and can be powered via the network port from an external switch or PoE injector. Recommended operating temperature for the unit shall be 5 to 35 degrees Celsius.

The unit shall be the Allen&Heath GPIO.

Technical Specifications

System

Relay Output Max Voltage	24V
Relay Output Max Current	400mA
Input	Switched to ground
External Power Output	+10VDC / 500mA max
Operating Temperature Range	0°C to 35°C (32°F to 95°F)
Power Supply	12V DC via external PSU (1A max) or PoE (IEEE 802.3af-2003) (0.9A max)

Dimensions and Weights

	Width x Depth x Height x Weight
GPIO	171 x 203 x 43 mm (6.75" x 8" x 1.7") x 1.2kg (2.7lbs)

Boxed

GPIO	360 x 306 x 88 mm (14.25" x 12" x 3.5") x 3kg (6.6lbs)
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