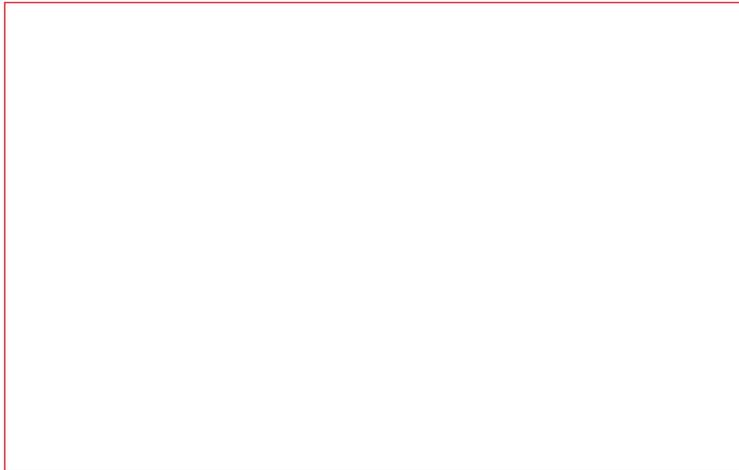


Hardware Datasheet

Ref: Mesh-100 / Hub-100 POE

Hub-100 Connect-4 / Mesh-100 Connect-4 POE

Gateway - Mesh-100 / Poe / Connect-4



Manufacturers Details

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Overview

Gateway between ethernet and Bluetooth. Optional POE (Power over Ethernet) for single CAT5 cable (data and power), and optional 4 x AUX connectors for connecting to remote sensors and other peripherals.

Processing

The Gateway is a small but powerful computer running a Linux operating system and Atamate software. Optionally it includes 4No. AUX connectors for connecting to Atamate hardware via I2C serial links or digital I/O, (1No. AUX also has RS485 capability for Modbus, Profibus) There is also an option for POE power so that only one CAT5/6 cable needs to be run to the gateway, instead of the standard CAT5/6 cable for data with an additional power cable.

Power

100-250Vac, UK 13A plug power supply unit (supplying 5.1Vdc 3A via USB-C connector). Power over Ethernet (PoE to IEEE 802.3af) option which also includes a cooling fan.

Hardware Datasheet

Ref: Mesh-100 / Hub-100 POE

Hub-100 Connect-4 / Mesh-100 Connect-4 POE

Gateway - Mesh-100 / Poe / Connect-4

Installation Information

The Gateway can be installed by any qualified electrician. The Gateway is powered from a small plug-in power supply unit or a POE connection from a local network switch. The Gateway relies on convection air currents for cooling so needs good free air movement (PoE version includes a fan).

Mounted on a vertical surface or on it's side on a horizontal surface.

Cable entry from the side and top of the unit.

Requires connection to the HAN and power supply unit (if not POE).

Environmental

Humidity: 10 to 90% RH

Temperature: 5 to 40 C

Water/dust protection: IP20

The Gateway is part of an Atamate smart building installation.

This is to be designed and commissioned by Atamate Partners.

