

Auxiliary Input Hub

Data Sheet



OVERVIEW

The Auxiliary Input Hub is an easy-to-use, durable accessory that enables customers to add up to eight additional digital input lines to the Samsara Vehicle Gateway. It can be easily installed into the USB port of the Vehicle Gateway.

All eight lines can be set up in the Samsara dashboard for a wide variety of digital inputs. These additional AUX lines act identically to the two native AUX ports on the Samsara Vehicle Gateway.

HIGHLIGHTS

- Eight additional auxiliary ports: The Auxiliary Input Hub provides eight additional digital input lines, in addition to the two native digital input lines on the Vehicle Gateway. This enables customers to track more data points from their vehicles. An additional common GND line is also included with the device.
- Customise input lines in the Samsara dashboard: The Samsara vehicle settings page enables users to customise up to 10 AUX lines according to their needs, making it easy to track a variety of equipment across an entire fleet.

WIRE MAPPING

AUX Line Number	Wire Colour
1	N/A - Local to the VG34
2	N/A - Local to the VG34
3	Red
4	Yellow
5	Green
6	Blue
7	Brown
8	Orange
9	Grey
10	Purple
GND	Black

HARDWARE SPECS

MATERIALS PVC-45P

ENCASING SIZE 12.5 mm x 32 mm x 70 mm

WEIGHT 200g

USB CABLE LENGTH 150mm

AUX LINE CABLE LENGTH 150 mm

TEMPERATURE RANGE -40°C to 85°C

AUX LINE INPUT VOLTAGE RANGE 0-30 V
(<12 V - Low, >=12 V - High)

AUX LINE WIRE GAUGE 22 AWG

NUMBER OF DIGITAL INPUTS 8

NUMBER OF ANALOG INPUTS 0