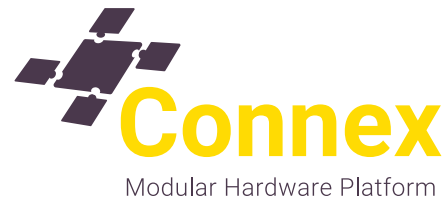


Connex Traffic

Automatic traffic counter designed to provide a high degree of flexibility and accuracy.



Dimensions	179mm x 118mm x 44mm
Power Options	Mains, Solar (Built in Solar regulator) or PoE
Power requirement	<ul style="list-style-type: none"> • Mains – 15W, 18V Power supply unit • Solar – 12V Solar panel (Vmp) • Typical average power consumption - 30mA @ 12V (non Ethernet) Battery Operation • Internal: Li-Ion 7.2v 2600mAh (1 week of operation) • External: 12V Lead Acid or 7.2v Li-Ion (Factory Option)
Data Outputs (configurable)	Count, Class, Direction, Gap, Speed, Length, Headway
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Inputs	16 Loop sensors
General Purpose Input Output	<ul style="list-style-type: none"> • 4 Inputs, volt free contact closure to ground • 4 Outputs, open drain
Programmable Logic Controller	Embedded PLC
Data Type	Vehicle by Vehicle (VBV)



Data format	JSON
Data messaging protocol	MQTT
Security	TLS 1.3, SHR256, X509
Environmental Protection	Optional IP67 Enclosure
Harmonized Standards Applied	IEC 62368-1:2014, EN 50293:2012, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-52 V1.1.0, ETSI EN 301 511 V12.5.1, ETSI EN 301 908-1 V13.1.1, ETSI EN 300 220
Directive Compliance	2014/35/EU Low Voltage, 2014/30/EU Electromagnetic Compatibility, 2014/53/EU Radio Equipment, 2011/65/EU (and delegated directive EU 2015/863) Restriction of Hazardous Substances (RoHS), 2006/66/EU Battery Directive.

Connex Traffic

Dimensions (mm)

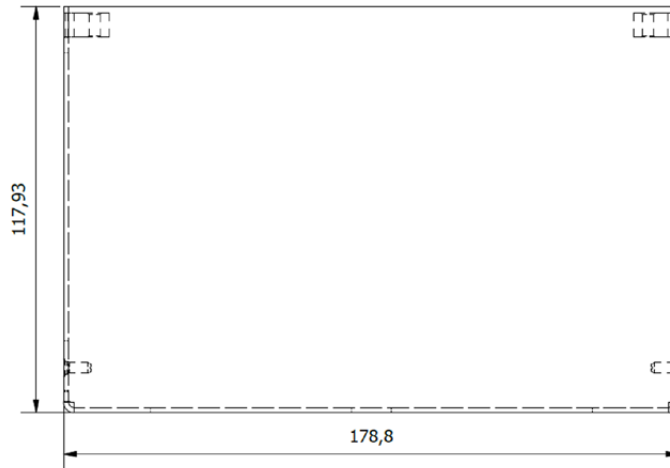


Figure 1 - Top view

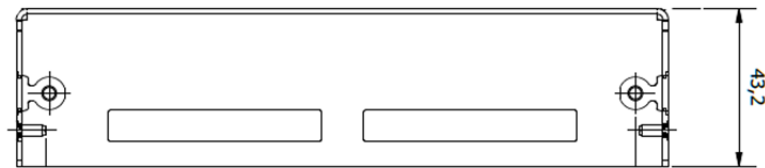


Figure 2 - Side view

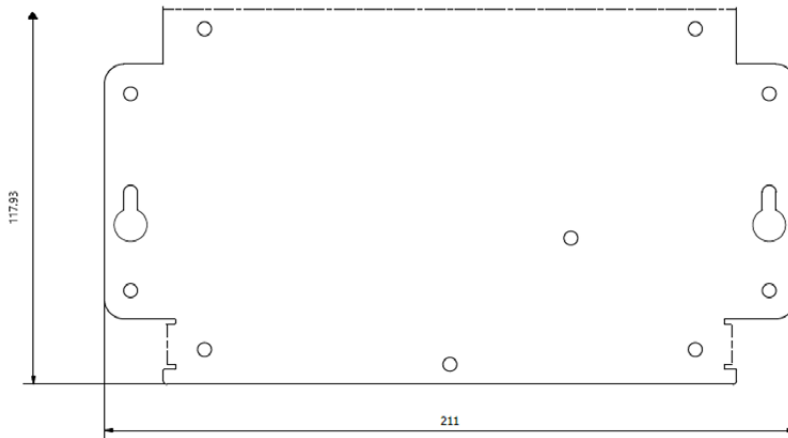


Figure 3 - Base

