

# Connex Traffic

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



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



<b>Data format</b>	JSON
<b>Data messaging protocol</b>	MQTT
<b>Security</b>	TLS 1.3, SHR256, X509
<b>Environmental Protection</b>	Optional IP67 Enclosure
<b>Harmonized Standards Applied</b>	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
<b>Directive Compliance</b>	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)

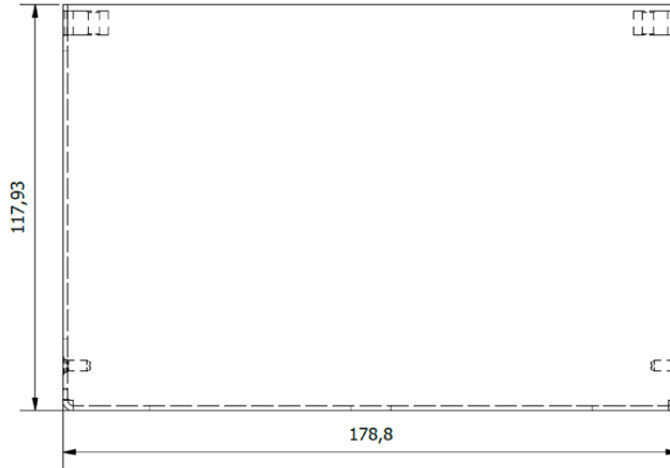


Figure 1 - Top view

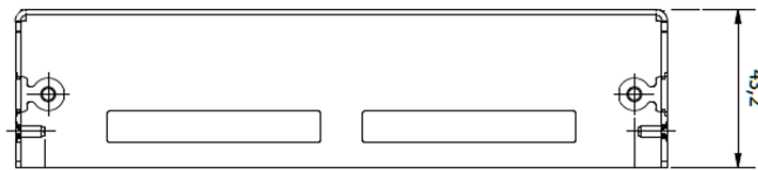


Figure 2 - Side view

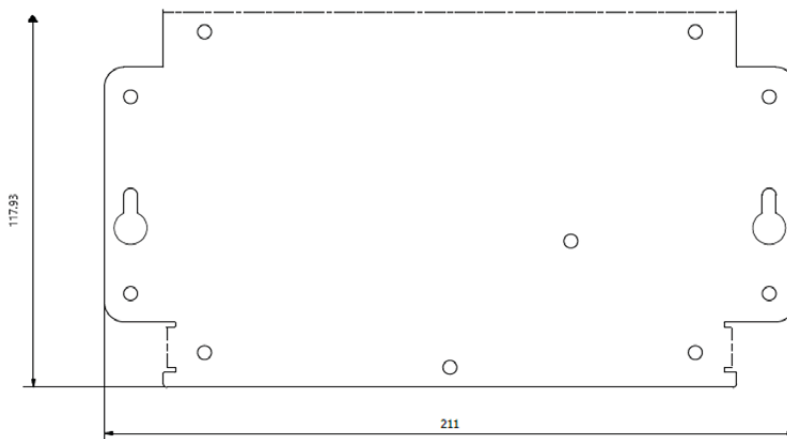


Figure 3 - Base

