

VIZION Collector

WiMAC enabled transmitting unit

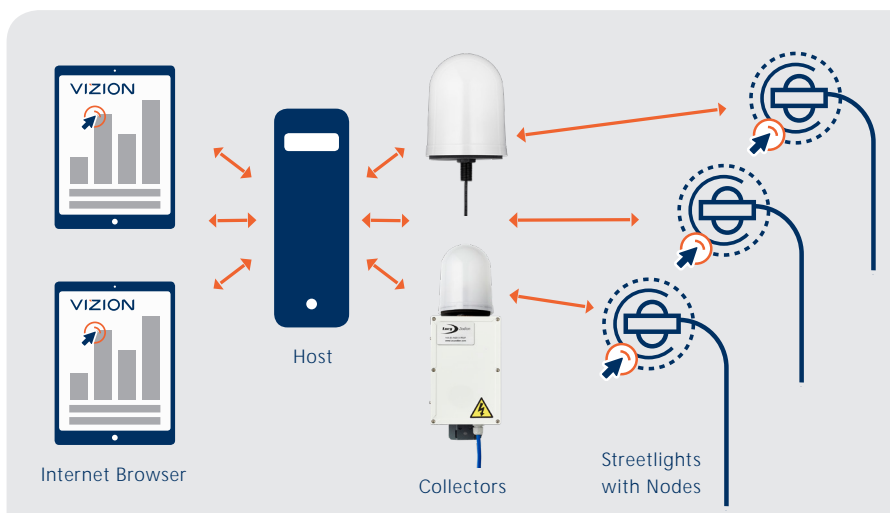
Monitor and control street lighting networks with the Vizion® Collector

The Vizion® Collector is a two way transmitting module that sits within a localised scheme of Nodes can be mounted on a luminaire via a 20mm mounting hole or on a pole mounted box.

Each collector has a maximum capacity of up to 256 nodes within a 3km radius*.

- Uses modem to communicate over mobile phone network for remote monitoring and control of connected equipment.
- The collector gathers the information from all the street lights in its area via (868MHz or 915) and sends the information to the "Vizion Host" using GPRS.
- The Collector receives data from the "Vizion Host" and transmits them to the individual Nodes on the street lights.
- The Collector receives data from installed Nodes, reports upon performance criteria within the specific scheme and reports quality of communication quality.

**subject to localised conditions and scheme design*



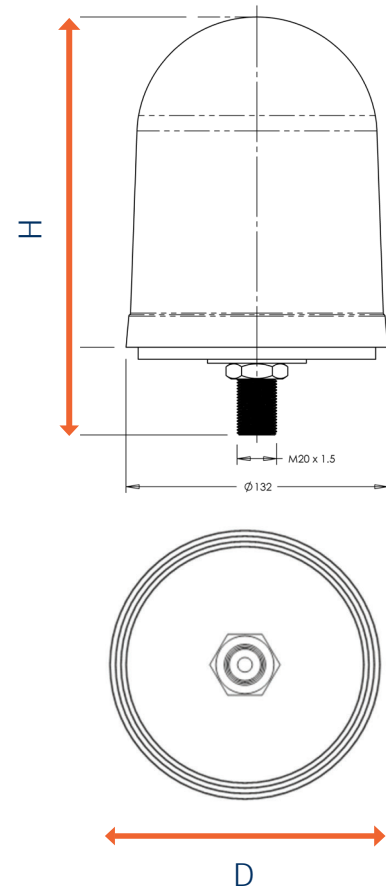
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Specification

Luminaire Fitting	20mm fixing hole, washer & nut seal
Onsite Protection	Externally sealed enclosure
IP Rating	IP 66 correctly fitted
Internal Light Sensor	Setable to 18-105 Lux
Enclosure Material	Polycarbonate
Rf (Mhz)	868/915
Power Supply Requirements	Supplied from Vizion ZEDA Driver or ZEBC Ballast via Interface Module & driver or via a power pack (WiMAC PSU)
Server Communications	Quad band GSM / GPRS, integral antenna
Receiver Classification	Class 2
Device Classification	Class 1
Performance Compliance	EN300 220 / REC 70-03 Annex1 (g1)
Manufactured	UK
Operating Temperature	-20°C to +55°C
Torque	1.5 to 1.8Nm
Internal Light Sensor	Yes setable to 18-105 Lux
Weight	360g



Part No	Product Name	RF (MHz)	Regions	Fitting	Power (W)	P'col
F6701	Vizion Collector 868 M20	868	UK/EU	M20	<5W	WiMAC
F6702	Vizion Collector 915 M20	915	Aus/NZ	M20	<5W	WiMAC

Dimensions

Height (H)	50mm
Diameter (D)	Ø138