

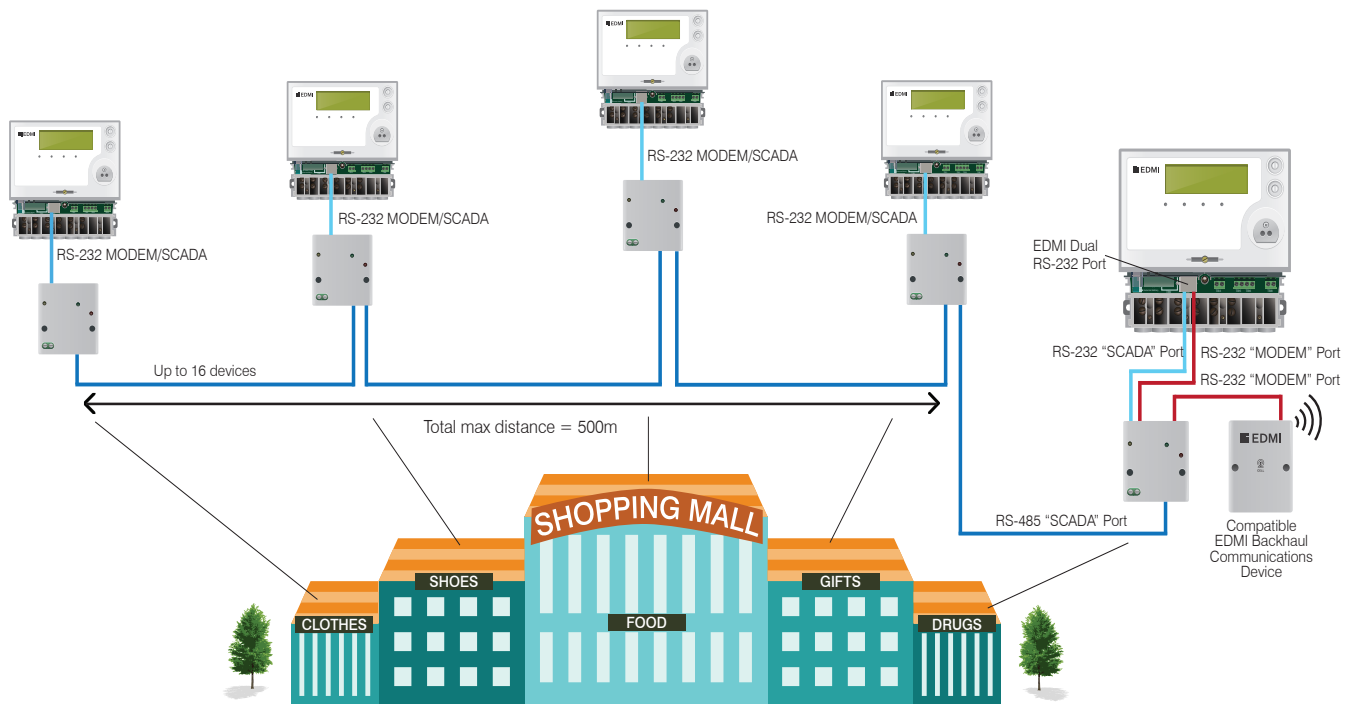


ECD485

MiniHub RS-232/RS-485
Converter



ECD485



Deploy sub-metering sites and simple metering networks with ease using the EDM MiniHub RS-232 to RS-485 converter.

1/4 Load RS-485 modules allow for up to 16 devices over 500m of wired daisy-chain network, with each meter capable of becoming the Network Master and remotely connecting to a backhaul system via an integrated EDM Modem Port redirect connector.



Key Features



Low Power Consumption

Compatible with a wide range of EDM electricity meters.



Communications Expansion

Add long-range wired RS-485 daisy-chain communications to any EDM electricity meter.



Simple Sub-Metering

Integrated EDM Modem-Port redirect allows any meter to become the RS-485 Network Master Node.



Increased Node Count

1/4 Load RS-485 module allows for up to 16 devices per network without the use of a repeater.

Specifications



Standards and Compliance

RCM Certified
Suitable for sale in Australia and New Zealand

CE Certified
Suitable for sale in the European Economic Area

RoHS Compliant
Restriction of Hazardous Substances directive compliant

Data Rate (max.) 19200 bps

Communications Range 500m total distance without a repeater

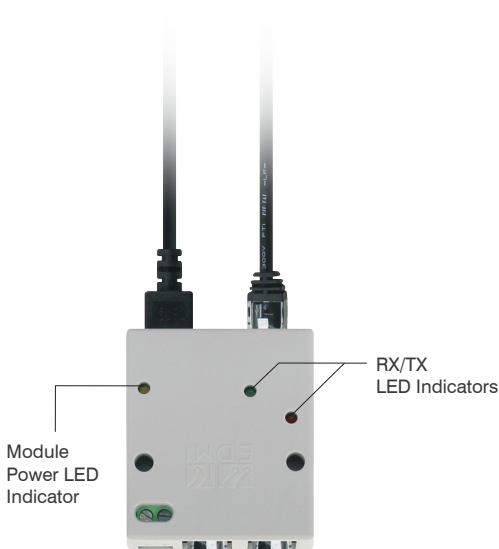
RS-485 1/4 standard load, up to 16 devices per string without a repeater

Electrical Supply voltage: 6V - 20V DC
Power consumption (typical): 0.18W

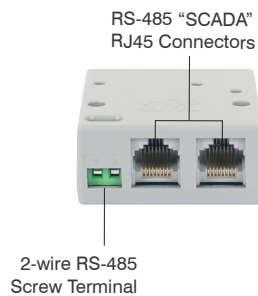
Interface RJ45 data cable connector x 3
- RS-232 "MODEM" x 1
- RS-485 "SCADA" x 2
Dual RS-232 Micro-Fit™ 8-pin data cable connector x 1
2-wire RS-485 screw terminal
3 x indicator LEDs - Power, TX, RX
Switch-activated bus termination

Environmental Specified operating range: -40°C to +75°C
Storage range limit: -40°C to +80°C

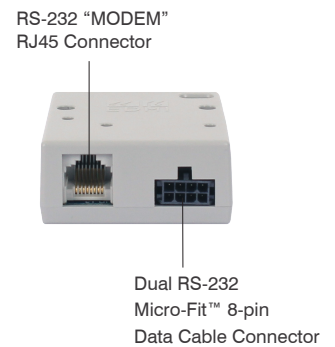
Minihub Front View



Minihub Top View



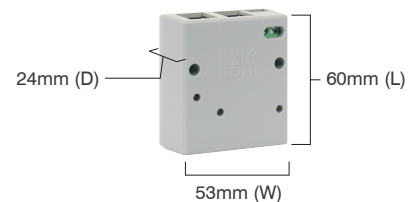
Minihub Bottom View



Minihub Left View



Dimensions



Weight: 46.5g



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