

ECD485

RS-232/RS-485 Converter

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

1/4 Load RS-485 modules allow for up to 128 devices over 1.2km of wired daisy-chain network, with each meter capable of becoming the Network Master and remotely connecting to a backhaul system via an integrated EDMI Modem Port redirect connector.



Key Features



LOW POWER
CONSUMPTION



SIMPLE
SUB-METERING



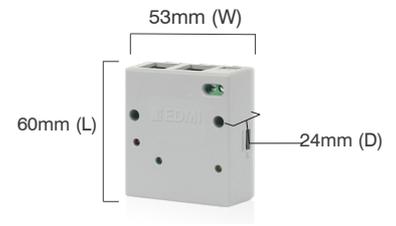
COMMUNICATIONS
EXPANSION



INCREASED NODE
COUNT

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Weight: 46.5g

Standards and Compliance

- RCM Certified
- RoHS

Data Rate (max.)

- 19200 bps

Communications Range

- 1.2km per string without a repeater

RS-485

- 1/4 standard load, up to 128 devices per string without a repeater

Electrical

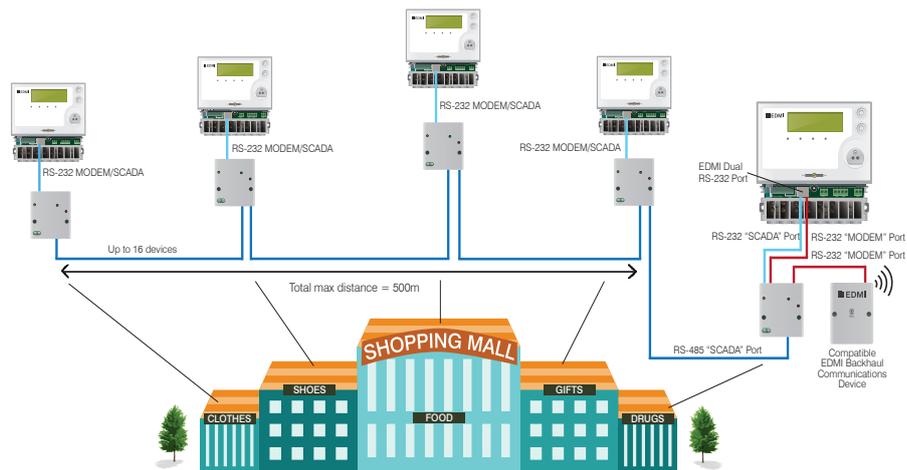
- Supply voltage: 6V - 20V DC
- Power consumption (typical): 0.18W

Interface

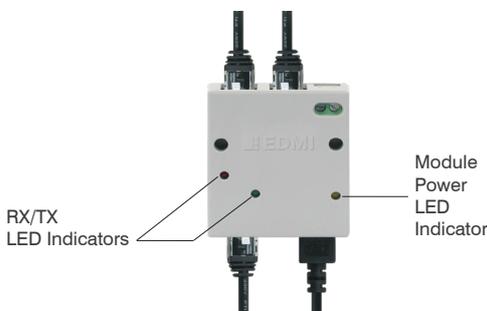
- RJ45 data cable connector x 3
 - RS-232 "MODEM" x 1
 - RS-485 "SCADA" x 2
- Dual RS-232 Micro-Fit™ 8-pin data cable connector x 1
- 2-wire RS-485 screw terminal
- 3 x indicator LEDs - Power, TX, RX
- Switch-activated bus termination

Environmental

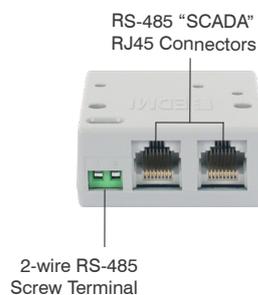
- Specified operating range:
 - 40°C to +75°C
- Storage range limit:
 - 40°C to +80°C



Minihub Front View



Minihub Top View



Minihub Bottom View



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