

DM 1000

hybrid ieee 802.15.4-
modbus sensor networks
for industrial applications

Epssilon
NETWORKS



overview

The DM1000 is a 802.15.4-Modbus bridge which enables the deployment of heterogenous sensor networks for industrial applications.

It joins RS485 multipoint networks versatility and ease of installation of typical wireless sensor networks.

It also provides the capability of integrating multihop wireless sensor networks into legacy Modbus networks.

features

- Acts as a IEEE 802.15.4 to Modbus RS485 standard communication bridge
- Self configurable, automatically finding the best route, spreading Modbus commands within a wireless network to reach all devices.
- Once connected to the RS485 devices, it becomes transparent, seamlessly adapting both Modbus RTU frames and electrical requirements
- Robust DIN Rail enclosure

application schema

