

# WSM101

## WIRELESS SERIAL MODBUS



### CONVERT WIRED SERIAL DATA INTO SECURE AND WIRELESS COMMUNICATIONS

- Wireless extension of RS485 Modbus networks
- Network scalability
- Transparent communication - zero programming
- Zero cables, zero cable tray, zero extra labour

WSM101 is a wireless module developed to promote wireless serial data communications that ensures revamp of connections in applications with communication through serial protocols.

Available On

868 | 915  
MHZ | MHZ  
Frequencies

Up To

256  
SLAVES  
Per Device

Remove long wired connections between devices, using a dedicated wireless network created between WSM101 devices to carry out serial data communications.

## APPLICATIONS



Process industry



Solar Energy



Building Management



Remote I/Os

## TECHNICAL SPECIFICATIONS

Serial Port	RS485
Devices	Up to 256 slaves per device
Baudrate	From 4800 to 115200 bps
Diagnostic	9 status LEDs
Operating Mode	Gateway or Repeater
Network Topology	Mesh
Data Security	AES 128-bit encryption
Power Supply	5 to 24 V DC
Operating Environment	-20°C to 80°C
Protection	IP40
Installation	DIN Rail
Dimensions	17,5 x 98 x 56,4 mm

## APPLICATION EXAMPLE

Wireless serial module connected to devices with Modbus output to convert wired communications into a wireless data transmission between end points.

