

# SERIALMOTE – RS232/RS485 ModBus



This flexible gateway is compatible and certified to work seamlessly with Microsoft Azure IoT Hub.

Serialmote is the perfect solution to interface any serial device to the Cloud. Machine retrofitting and revamping, remote control of existing serial products are the perfect applications for this device.

SerialMote is provided with the following interfaces:

- 1 RS232 port
- 1 RS485 port
- 2 digital inputs (dry contact)

SerialMote is compatible with **ModBus RTU** protocol and is also able to run scripts (*we can do this on request*) to be adapted to any general purpose serial device.

The setup software provided (PC, Mac, Linux) allows you to insert your Microsoft Azure Device Connection string and it's enough to see it online in 2 minutes.

Serialmote sends data only your own Microsoft Azure IoT Hub account, no third parties are involved.

Being a Microsoft Azure Certified device means that Serialmote respect the highest level of security standards available.

# SERIALMOTE – RS232/RS485 ModBus

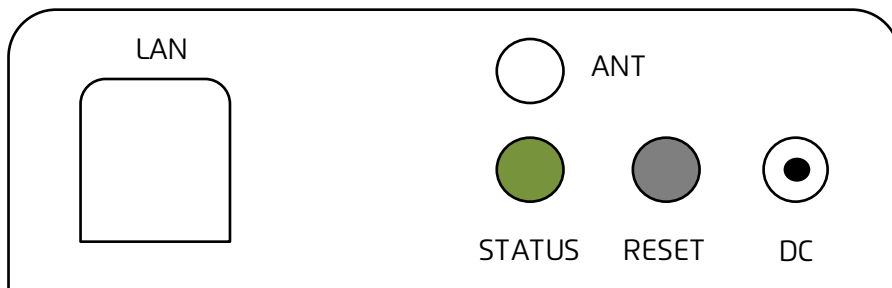
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## SPECIFICATIONS

<b>Power</b>	5V DC	<i>Power supply provided</i>
<b>Port #1</b>	RS232	
<b>Port #2</b>	RS485	
<b>Digital input</b>	2 dry contacts	
<b>Ethernet connectivity</b>	Yes	
<b>Cellular connectivity (2G or 3G)</b>	Option	<i>SIM and data plan provided</i>
<b>Mechanical dimensions</b>	70*60*31mm	
<b>Weight</b>	35 grams	
<b>Certifications</b>	CE, FCC	
<b>Operating Temperature range</b>	-20..+85°C	

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## Front side

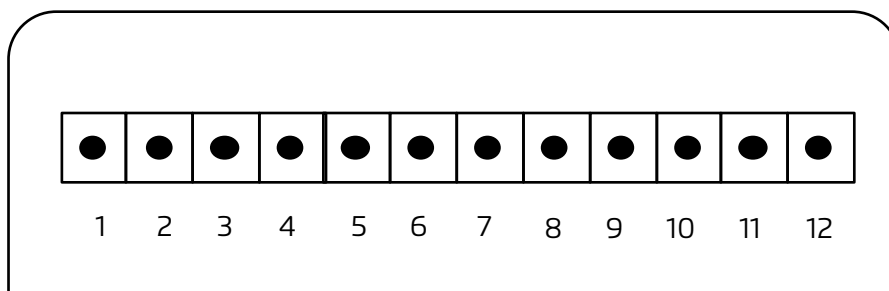


## CONNECTIONS

LABEL	FUNCTION
DC	5V Power input (Power supply included)
LAN	RJ45 Ethernet 10/100
RESET	If pushed for $t > 5\text{sec}$ the device enters into 'setup mode'
STATUS	Led (Red/Green/Orange)
ANT	Antenna connector (SMA)

# AIR TEMPERATURE/HUMIDITY SENSOR

## Rear side



## CONNECTIONS

PIN	NAME	DESCRIPTION
1	VCC	External VCC input (+5V DC)
2	Digital INPUT #1	Dry contact
3	Digital INPUT #2	Dry contact
4	GND	GND
5	RS232_TX	RS232 Tx (output)
6	RS232_RX	RS232 Rx (input)
7	RS232_RTS	RS232 RTS (input)
8	RS232_CTS	RS232 CTS (output)
9	RS485_A	RS485 A signal
10	RS485_B	RS485 B signal
11	NC	
12	NC	