

PRODUCT CARD

Rhino WMBus RS232

Gateway that receives RF data from any number of wmbus meters in the RF range and passes them through the RS232 serial port. Data transfer wired to the Rhino AP. Powered by external 5-12VDC power supply.



DEVICE OVERVIEW

- 1 Power socket
- 2 RS232 connection
- 3 SMA ISM antenna connector

TECHNICAL PARAMETERS

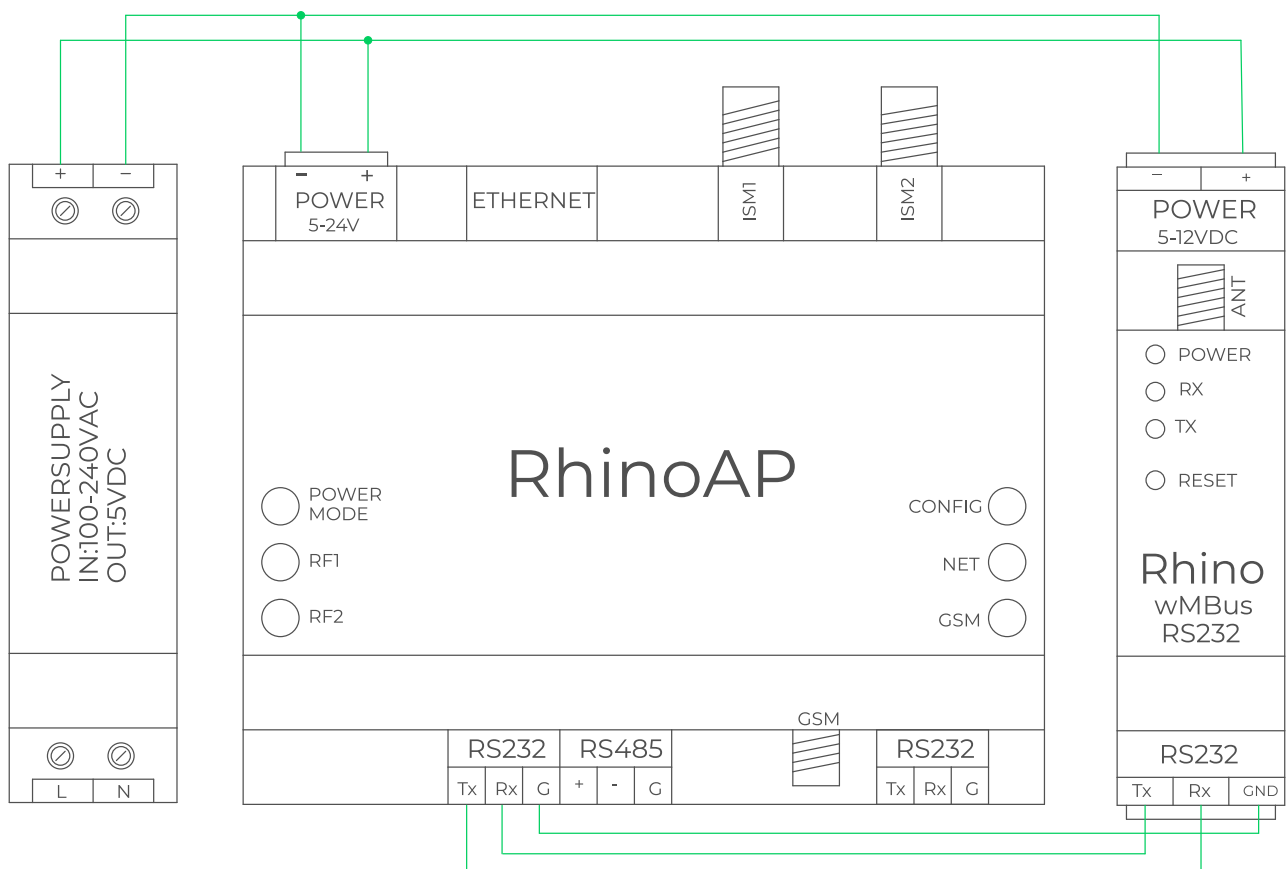
Rhino communication	Wired RS232
Power supply	5-12 VDC (0.1A)
Output	1 x RS232
Supported communication protocols	T1 and C1 mode wireless M-Bus
Configuration	Over the Air (OTA)
Operating temperature range	-40 °C - 85 °C (depending upon installed environment)
IP Class	IP40 (not suitable for outdoor use)
Dimensions	18 mm x 90 mm x 53mm (1 DIN module)
Weight	~0.05 kg
Led indications	Power (Red Permanent) - Power OK RX (Yellow Short Flash) - Data received TX (Green Short Flash) - Data sent
Reset button	Used during local firmware update
Additional equipment	1 x ISM antenna with 3m cable and magnetic base
Required cable types	Signals thickness - 0.129-1.31 MM ² - 26-16AWG Power supply thickens - 0.205-3.31 MM ² - 24-12AWG

Got questions?
Contact us!

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Rhino wMBus RS232 Connection Diagram



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Rhino System Topology

- Up to 50 devices connected on every RF channel
- Clear line of sight RF range max. 300 m
- RF range data only applicable per building level

RHINO

- External inputs
- Rhino Ecosystem

