

Analog Inputs Module

- 8 **Differential** Channels of **Voltage and Current**
- Ethernet Communication (6 protocols)

RME2-AI



0-10V
4-20mA

PROGRAMMABLE
WITH SCRIPTS

With the **RME2-AI**, you can accurately capture analog voltage and current variables (0-10V and 4-20mA). This device enables efficient communication through an Ethernet port, offering the flexibility to choose from **6 different protocols** to suit various system requirements and configurations.

GENERAL FEATURES

8 Analog Inputs

- Differential Inputs
- 4-20mA Current
- 0-10 V Voltage

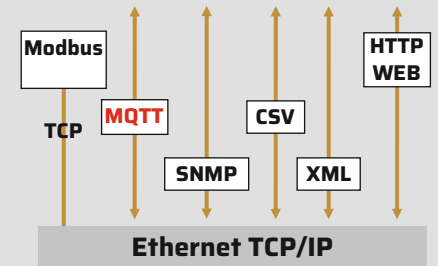
6 Ethernet Communication Protocols

- Modbus TCP
- HTTP / Página WEB
- SNMP versión 1
- CSV
- XML
- **MQTT**

TECHNICAL SPECIFICATIONS

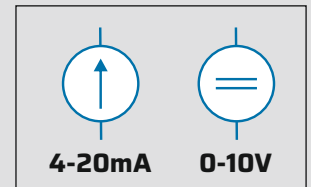
• Network Protocol	Modbus TCP, HTTP, DHCP, ICMP, ARP, SNMP, MQTT
• Analog Inputs	8 Channels 0-10V / 4-20mA (Zi = 62Ω).
• Input Resolution	12 bits
• Network Port	Ethernet 10/100 Mbps, Rj45 connector
• Serial Protocol	Modbus RTU/ASCII in Gateway mode
• Serial Port	1 RS-232 port
• Administration	HTTP server, password protected. RS232 Serial Console
• Upgrade	From Webpage
• Led Indicators	Power / Status / Data/Link
• Dimensions	100 mm x 22,5 mm x 112 mm (Width x Height x Depth).
• Power	+10 to +30 Vdc.
• Current	170 mA at +12 Vdc / 90 mA at +24 Vdc
• Temperature	Operation Temperature: -15 a 65 °C. Storage Temperature: -40 a 75 °C.
• Warranty	1 year

6 Communication Protocols



RME2-AI

8 Analog Inputs



PROGRAMMABLE with SCRIPTS (Program Special Functions)

- Mathematical Operations
- Logical Operations
- Timing Operations
- Reading of the Device's Own Inputs
- Switching Digital Outputs On and Off
- Serial Port Data Interpretation
- Data Publishing via WITS Serial

ORDERING CODE

RME2-AI-100-00-80-IA3

For pricing or any further information, please contact Omni Instruments Ltd.



Measurement and data acquisition solutions

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