

R LOG

Put Yourself Ahead



Data mailed for you

No matter where you are in the world, logged data can be sent straight to your Email box. In addition, data can be sent (SMS) to your cell phone to provide you with crucial information instantly.

REMMON
REMOTE MONITORING

R-LOG Put Yourself Ahead



General Info

The R-LOG is a general purpose GSM/GPRS Remote Terminal Unit (RTU) Logger that contains a gigantic data logger. It can directly communicate with an SMTP server to send some or all of its logged data to predefined **Email boxes**. In addition, the R-LOG provides 24/7 global communication coverage for automatic SMS alert messages, SMS I/O inquiries and SMS I/O settings. Versatile, reliable and quickly configured, the R-LOG is a cost effective DIN rail mountable RTU Logger, featuring up to 6 A/I, 8 D/I, 2 D/O, 1 EIA RS232 serial port and automatic email dispatch service.

The R-Tec

The R-Tec is all-in-one, easy-to-use configuration software. It provides a user-friendly environment for RTU configuration and Logged data manipulation. The R-Tec includes RTU configuration tools, Mail Retrieval Agent (MRA), data parser and online calibration tools. It supports both local and remote download for easy PC - RTU data transformation. The powerful remote download mechanism simplifies the downloading process, and can carry out multiple unit download processes in one GSM session. The smart calibration tool can establish data communication with the R-LOG, to display the current values and to help you in carrying out your desired calibration.

Communication

The R-LOG utilizes the popular GSM/GPRS network to transmit and receive data. No need to get expensive antennas, frequency licensing or power consuming radio transmitters. No need to be dealing with transmission interruptions or be worried about distance limitations. Simply use the R-LOG to get highly effective communication results, saving you time and money.

PLC External Device

The R-LOG can either be used as a standalone unit or it can be connected to a PLC. When connected to a PLC, the R-LOG controls the PLC I/Os and registers. It serves as a cellular gateway for establishing mobile communication between you and your PLC; delivering a complete, interactive, mobile communication and Email log service. Adjustable, reliable and easy-to-use, the R-LOG is a versatile PLC interfaced communication tool; supporting Modbus, Unitronics, Hostlink and many other serial communication protocols.

Settings

The R-LOG provides both automatic and user-interference services. Using the R-Tec you are free to configure the automatic behavior of the R-LOG to meet your needs. The R-LOG built-in, user-interference system makes it possible to set/get registers and I/O values from the comfort of your mobile-phone. You can simply send an SMS message to turn the digital-output on/off, get I/O values, set the time and date, set/get register values and more.

Bottom Line

Interactive communication with your system has never been easier; all of these can easily be done from the comfort of your cell phone. Analyzing and logging data becomes beautifully simple, logged data can be sent directly to pop3 server enabling virtually infinite data capacity. With the aid of your PC, logged data become more accessible, manageable and meaningful.



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R-LOG specifications:

HW Interfaces

RS-232:	One DB9 male
Built in memory:	2MB Flash memory
Digital Inputs:	8 (5-24VDC)
Analog Inputs:	2 Current (0-20mA) 2 Voltage (0-10V) 2 Resistance (PT-0100)
Digital Outputs:	2 (relay 5A)

Protocols:

PLC Protocols:	MODBUS, Matsushita, Unitronics, Allen Bradely and others.
PLC Channels:	Up to 64 Registers

Physical Characteristics:

Dimensions:	10.6 × 6.3 × 9cm
Weight:	240gr

Cellular Network Interfaces:

Technology:	GSM - 850/1900 MHz EGSM - 900/1800 MHz
Protocols:	CSD, SMS, GPRS
Internet modem:	Sony Ericson GR47 or Telit 864

Electrical Characteristics:

Voltage:	12-24DC
Current consumption @12V:	Continuous 100mA Peak : 200mA

Environment:

Operating temp.	-25 to 55°C
Storage Temp.	-40 to 85°C
Operation Humidity:	5% to 95% None Condensing

Approval:	CE, EMC
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