

RLite

Remmon R-Lite is an easy-to-use GSM/GPRS Remote Terminal Unit RTU. Although flexible, it designed to be operated by anyone. The R-Lite is an affordable GSM/GPRS RTU providing a reliable and complete solution for common usages. Practical, simple, quickly configured, the R-Lite is an outstanding tool providing efficient results with minimal effort. The R-Lite can either be used as standalone unit or it can be added to a PLC. If you have a PLC, then the R-Lite can be used as a cellular gateway to establish an interactive communication with your PLC. With the R-Lite connected to a PLC you can get SMS messages to inform you about the indicated values of sensor(s), connected to the PLC. Moreover, you can ask your PLC to give the current indicated value(s) of its sensor(s) simply by sending SMS message. The R-Lite contains one output, two digital inputs and one RS232 connector. It comes with an extremely user friendly application software for easy configuration. Maintenance and configuration can either be done through the RS232 connector or from remote, using a cellular modem. Light in weight and compact in size the R-Lite is a great versatile all-around tool for HMI communication.

RLite: The system includes the following modules:

- Two digital Inputs.
- One digital output relay.
- Module GSM (Telit).
- RS232 for communication with external devices.
- Protocols module (e.g. Modbus, Unitronics, etc.).
- Configuration software for PC.

RLite advantages:

- Read memory spaces from standard PLC's (as Registers, I/O's, Coils etc.).
- Defines SMS alarms for memory space.
- Two digital inputs for external alarms (e.g. Anti-Vandalism, PLC out of scope etc.).
- Two way communication channel, you can either request for a value(s) or get predefined value(s).
- One relay output for remote operating via SMS (e.g. Horn, Light, etc.).
- Up to 16 different users per unit.
- PC application software for easily configuration.
- Remote configuration via GSM modem and Remote monitoring of the PLC

Warranty: Remmon provides 12 months warranty for the entire RLite unit.



Physical		
Dimension	104 X 67 X 33 cm	
Weight	200 gram	
Display	2 LED	
RS232 connector	DB 9 pin	
Cellular Communication		
Modem Type(GSM)	- Telit 864	Two Band/ Tri Band Quad band
Antenna	- Internal antenna MMCX - External antenna MMCX	Two Band/ Tri Band Quad band.
Power		
Input Voltage	9-24VDC 1A	
Active current	100mA	
Stand by current	30mA	
Protection	According to MIL-STD-704E	
Expansion IO option		
Digital Inputs	2 Channels	
Digital Output	1 Relay	1 A at 24 VDC
Approval	CE approved	
Working temperature	(-20 ^o) – (70 ^o) Celsius	
Humidity	5% - 95%	