RS2000
Standard 3G

ref. 100.0148.00 (without telecontrol) | 100.0148.50 (with telecontrol)

RS2000 Line Remote Terminal Unit with 3G Technology

Used for acquisition of various data, applied successfully in Power Metering (e-Power) and Transparent Communication (Bridge).

Its RS-485 interfaces and its A/D inputs allow applications for industrial automation.

Features:

- Sensors for detecting power failures in the Electrical Grid.
- Direct current sensors with tampering applications, open collector outputs and a relay output for triggering external devices only for the version with telecontrol.
- Requires use of an external antenna, via TNC connector.

Remote Terminal Units from CAS Tecnologia

Designed to offer connectivity to the most varied types of businesses, adding remote communication to different equipment. Enables efficient remote management, control, monitoring and supervision.

GSM, 3G or Ethernet communication as alternatives for points where using an available local data network or satellite is possible.

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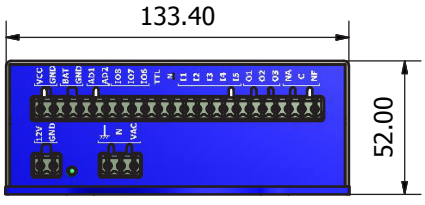
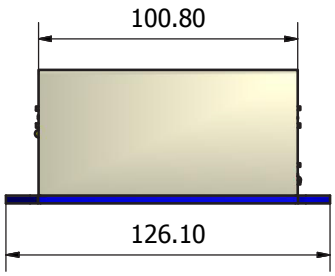
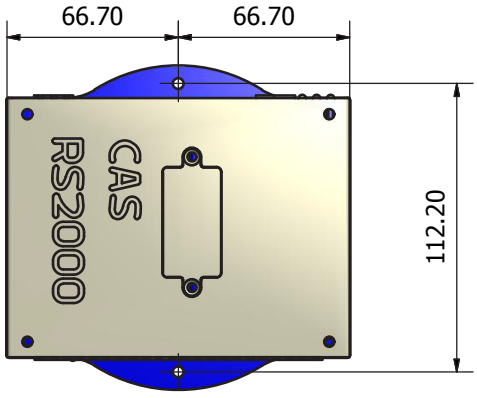
Explore the full line of RS2000 Hardware by accessing our Online Catalogue

RS2000 Standard 3G

ref. 100.0148.00 (without telecontrol) | 100.0148.50 (with telecontrol)

Technical Specification

Transmission technology	UMTS 800/850/900/AWS/1900/2100 MHz GSM 800/900/1800/1900 MHz WCDMA/HSDPA/HSUPA, UMTS, GSM/GPRS/EDGE
Communication ports	RS232 - programmable speed from 300 to 115200bps RS232 - local configuration at 4800bps RS485 - support for MODBUS/RTU devices
Input/output ports	5 digital inputs with optical coupling - DC(2) and AC(3) 3 digital inputs/outputs 2 A/D inputs 3 open collector outputs 1 relay output - 15A *(* With telecontrol.)*
Connector A	DB9 male
Connector B	Female DB9
Connector C	TNC - RF antenna
Connector E	3-way terminal block - EIA-485 standard serial interface
Connector F	22-way terminal block - input/output ports
Connector G	2-way terminal block - power supply output
Connector H	3-way terminal block - power supply input
Telecontrol	Available for version 100.0148.01 - RS2000 Standard 3G with telecontrol
Average consumption	4W
Power Supply	65~280VAC (P+N+ground) or 10~30VDC
Operating temperature	0 ºC to +70 ºC
Sizes	134 x 101 x 52 mm
Weight	460g
IP Code	IP50W

Technical Design