RS2000 Lite DS 3G

New generation of RS2000 Remote Terminal Units

3G Technology

RS2000 Lite DS 3G remote terminal unit gives its users a wide range of advanced services and greater network capacity, increasing the rate of availability and long-range data transmission, and consequently increasing the unit's active connection time.

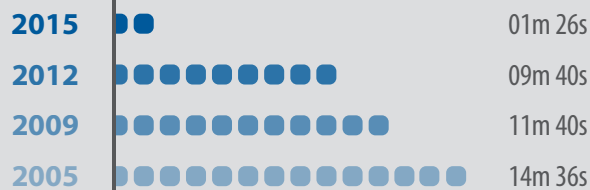The evolution to incorporate high-speed Internet access networks is also featured in this solution.

Dual SIM connectors

Through experience and requests from users, the 3G modules of the CAS RS2000 Line have connectors for two (2) SIM CARDS, allowing the option of using only one (1) SIM CARD, in order to meet the demand for using different cellular operators in the remote terminal unit in case of connection failure or unavailability of one provider, automatically passing to the other as contingency.

New features:
- Automatic cell phone operator configuration.
- Cell identification.
- Unified firmware.
- Greater memory and processing capacity (8x more).

High speed firmware updates:

Year	Time
2015	01m 26s
2012	09m 40s
2009	11m 40s
2005	14m 36s

Remote Terminal Units from CAS Tecnologia

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

They provide flexibility and various interface alternatives with devices that require telemetry, metering, remote control, monitoring and supervision.

Components with advanced technologies, combining WAN/LAN networks with GPS precision and Bluetooth flexibility - when necessary - and data transmission via various types of cell phone networks or radio frequency if mobile telephony networks are not available.

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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 Dual SIM CARD
Communication ports	RS232 - programmable speed from 300 to 115200bps RS232 - local configuration at 4800bps
Input/output ports	5 digital inputs with optical coupling - DC(2) and AC(3)
Connector A	DB9 male
Connector B	Female DB9
Connector C	TNC - RF antenna
Connector D	10-way terminal block - input and power supply ports
Average consumption	2W
Power Supply	65 to 285VAC auto-range (P/N/Ground), (F1/F2/F3/N/T), (120 VDC), (10~30VDC) *different sources as per customer demand.*
Operating temperature	-10°C a 70°C
Sizes	36 x 104 x 116 mm
Weight	410g
IP Code	IP54W

Technical design

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