RS2000 Advanced Ethernet 3G

ref. 100.0147.00

RS2000 Advanced Ethernet 3G Remote Terminal Unit

Technologies

RS2000 Advanced Ethernet 3G remote terminal unit allows for integration with various technologies, such as Wi-Fi, Zigbee, Bluetooth and 3G, gives its users 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.

Dual SIM connectors

The 3G modules of the CAS RS2000 Line have connectors for 2 SIM CARDS, in order to meet the demand for using different cell phone operators in the same remote terminal unit in case of connection failure or unavailability.

Features:

- Possibility of communicating with two serial devices simultaneously.

- Ability to operate regardless of the equipment's protocol, high processing and storage capacity.

- User-friendly system, with USB interface and web-based configuration.

- Automatic availability of data to third-party applications.

- Easy installation of communication server in the customer's environment.

- Managerial reports with total data traffic, specifying failures and allowing for assertiveness in operations.

- Guaranteed authentication control via registration of SIM cards, applications and customers, maintaining the security and integrity of the communication service.
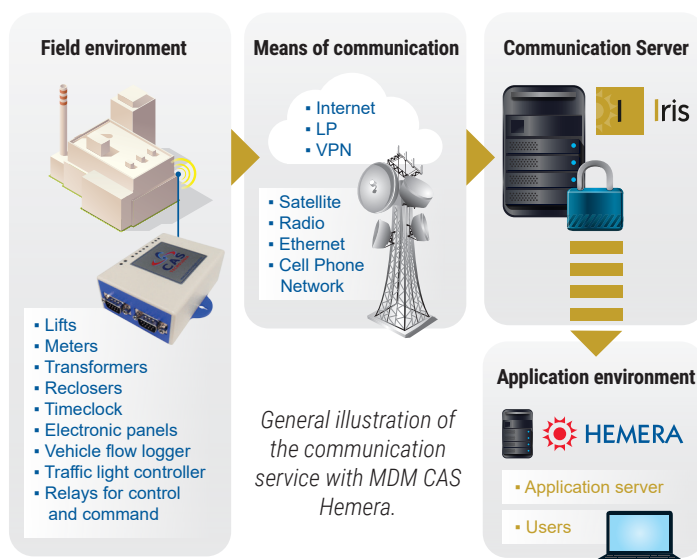
Remote Terminal Units from CAS Tecnologia

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

Communication Server and Applications

The solution offers operational and strategic support for managing field equipment, promoting a favorable environment for decision-making and reduction in operational costs.

Field environment

- Lifts
- Meters
- Transformers
- Reclosers
- Timeclock
- Electronic panels
- Vehicle flow logger
- Traffic light controller
- Relays for control and command

Means of communication

- Internet
- LP
- VPN

- Satellite
- Radio
- Ethernet
- Cell Phone Network

Communication Server

Iris

Application environment

HEMERA

- Application server
- Users

General illustration of the communication service with MDM CAS Hemera.

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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 ETHERNET Dual SIM CARD
Communication ports	Two RS232 - programmable speed from 300 to 115200bps
Input/output ports	Not Applied
Connector A	Power input +5VDC - external power supply
Connector B	TNC - RF antenna
Connector C	Mini USB
Connector D	DB9 male
Connector E	DB9 male
Connector F	Female RJ45
Average consumption	2W
Power Supply	65~280VAC (P+N+ground)
Operating temperature	0 ºC to +70 ºC
Sizes	128 x 103 x 42 mm
Weight	220g
IP Code	IP50W

Technical design

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