Network interface type CS101

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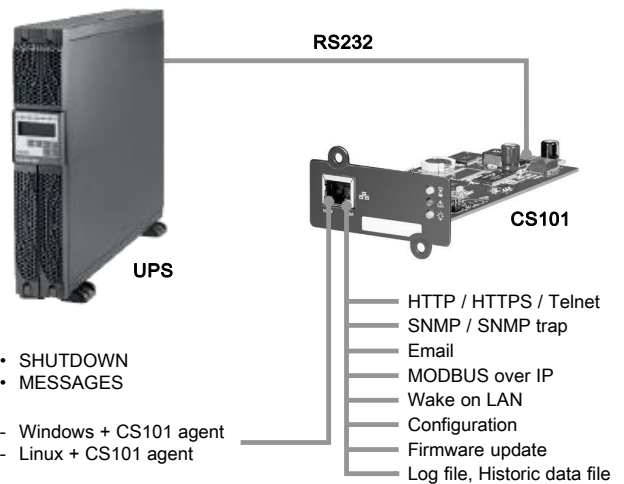
1. FEATURES

- **Architecture**
  ARM9 180 MHz 32 bit processor, 8 MB flash memory, 10/100 Mbit auto-sensing Ethernet.

- **Multi-language user interface**
  The web pages of the CS101 support the following languages: german, english, french, italian, spanish, polish, portuguese, russian, turkish. Each web page includes a dedicated online help.

- **Graphical interfaces**
  Several options are available for monitoring and configuring the CS101: internet browsers, every type of SNMP or MODBUS network management system and UNMS/UNMS II software.
  The statistical analysis of the UPS's values are graphically shown through the web browser. Firmware updatable.

- **Data logging**
  Measurement values, alarms and battery test are written with time stamps into the non-volatile storage of the CS101 adapter.
  The time synchronization function through NTP insures that all the data are written with precise time values.

- **Scheduler**
  Web server based scheduler allows scheduled on/off of the UPS or start battery tests.
  This secures that the UPS runs regularly battery tests and informs the user about problems via email, log file, etc.

- **Events notification**
  The CS101 can be configured to relay either all or only specific alarms via Email or TRAP messages.
  The email client can use public email servers and local email servers.

- **Multi-Server shutdown**
  The "CS101 Shutdown Client" software, installed on each computer powered to the UPS, allows the execution of a safe shutdown in case of necessity.
  Available for Windows (Vista and higher) and Linux.
  Different methods are available for shutdown and restart the systems:
  - CS101 Shutdown Client: the operating systems are prompted to shutdown
  - Wake on LAN: the computers in a local network are prompted to start-up.

- **Network services**
  CS101 supports SNMP, IPv4, IPv6, HTTP, HTTPS, DNS, DDNS, DHCP, Telnet, SMTP, SNTP, SSL, SSH, BOOTP, Wake on LAN, MODBUS over IP.

- **SNMP v1, v2 and v3**
  CS101 supports the RFC1628 MIB and PPC MIB.
  This enables the CS101 adapter to be connected to every SNMP based network management systems.

- **MODBUS**
  CS101 is equipped with MODBUS over IP, which enables the CS101 to incorporate PLC devices or any other MODBUS based management system.

- **UPS supported**
  - Daker DK
  - Daker DK Plus
  - Keor Line RT
  - Keor LP
  - Keor S
  - Keor T

2. FUNCTIONS OVERVIEW

- SHUTDOWN
- MESSAGES

- Windows + CS101 agent
- Linux + CS101 agent

HTTP / HTTPS / Telnet
SNMP / SNMP trap
Email
MODBUS over IP
Wake on LAN
Configuration
Firmware update
Log file, Historic data file

3. TECHNICAL DATA

Parameter	Value
Power supply	5,3V ÷ 40V, 2W max
Dimensions (W x D x H), Weight	60 x 120 x 29 mm, 66 g
Ethernet	10/100 Mbit auto sense
Status LED's	Normal, boot/error
SNMP support	PPC.MIB and RFC1628.MIB
Operating temperature	0 ÷ 70 °C
Storage temperature	0 ÷ 70 °C
Max. recommended ambient temperature	55 °C
Humidity	20 ÷ 95 °C, not condensated
CPU	CPU ARM9 180 MHz, 32 bit
Flash memory	8 MB
Certification	CE