

# Network interface type CS101

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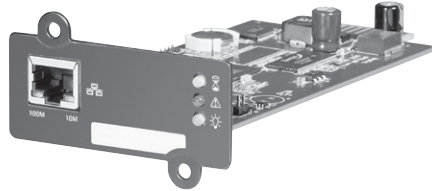


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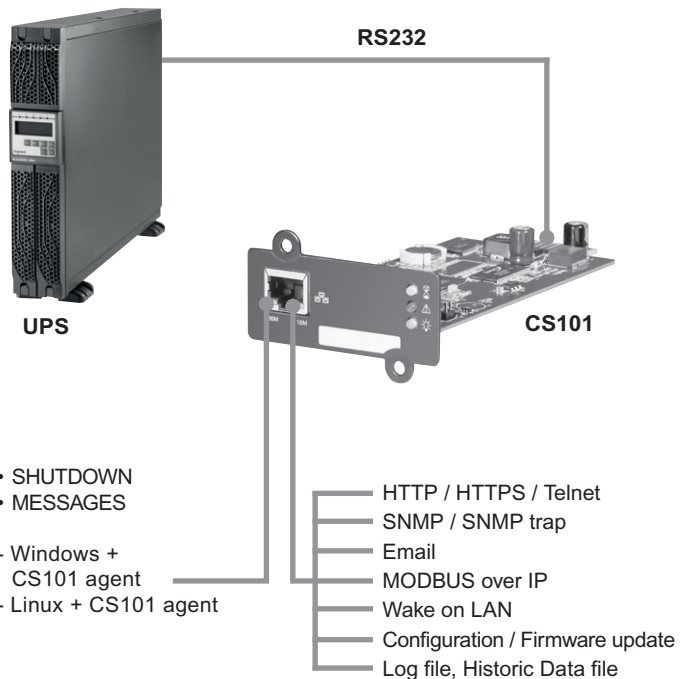
## 1. FEATURES

- **Architecture**  
ARM9 180MHz 32 bit processor, 8MB flash memory, 10Mbit/100Mbit 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 network management station and UNMS II.  
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**  
The 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**  
The CS101 supports the RFC1628 MIB and PPC MIB.  
This enables the CS101 adapter to be connected to every SNMP based network management systems.
- **MODBUS**  
The CS101 is equipped with MODBUS over IP, which enables the CS101 to incorporate PLC devices or any other MODBUS based management system.

### • UPS Supported

- Currently are supported the following UPSs (more UPSs in the future):
- Daker DK
  - Daker DK Plus
  - Keor S
  - Keor LP
  - Keor Line RT

## 2. FUNCTION OVERVIEW OF THE CS101



## 3. TECHNICAL DATA

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