

TCP/IP Convertor Box for Converting RS232 to TCP/IP

ACA300

The ACA300 Device Server

The ACA300 is designed to allow devices to communicate over a standard Local Area Network (LAN) by translating RS232 / RS485 to TCP/IP and visa versa. For GE Security Access Control, this means that ACC1and ACC4 access controllers can communicate with the control software over, for example, the ethernet. Also controller loops can be connected to the network by applying a keycard (ACA201) in combination with the ACA300.

Specifications

Protocols supported	ARP, UDP, TCP, Telnet, ICMP, SNMP, DHCP, TFTP and HTTP
Device support	Supports any asynchronous serial device with 7 or 8-bit data, with or without parity requiring Ethernet access
Network interface	RJ45 (10BASE-T) Ethernet
Serial interface	Female DB25 RS232 / RS422 / RS485 serial port with DCE configuration
Data rates	Serial speeds 300 bps to 115 Kbps
Modem controls	RTS, CTS, DSR, DCD, DTR
Flow control	Software XON/XOFF - Hardware CTS/RTS
Management	Internal HTTP server SNMP (read only) Serial login Telnet login
Firmware	Flash ROM standard
Physical dimensions (H x W x D)/weight	23 x 64 x 90 mm / 350 g
Shipping dimensions (H x W x D)/weight	115 x 242 x 191 mm / 1.5 kg
Power requirements	External adapter included Required input power of 6 - 9 VDC @250 mA max.
Environmental	
Operating temperature	+5 °C to +50 °C
Storage temperature	-40 °C to +66 °C
Agency approvals	CE, FCC B, TUV, C/UL
Warranty	5-year limited warranty



- Converts RS232, RS485 or RS422 to TCP/IP
- Supports a wide range of formats
- The size of a match-box
- Supports controller and keycard connectivity to the Ethernet

Ordering Information

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