


Control Your RS-232 Devices from anywhere on real-time via the Ethernet Computer Network.



COV-100 RS232c-Ethernet Converter

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- The image shows a small, light green rectangular device, the COV-100 RS232c-Ethernet Converter, connected to a white barcode scanner and a white Ethernet network hub. The device has three status LEDs (red, yellow, green) on its top surface. The background is a light blue and white striped pattern.
- Most economical way to link serial devices to the computer network without an additional PC sit next to your serial devices.
 - No need to replace your existing low cost serial devices in order to have the networking feature, save time and money of new hardware installations.
 - Mini size - convenient of use and can be easily hide
 - 1 x RS-232 port. 10 mbps Ethernet speed. (compatible with most of the 10/100mpbs Ethernet hubs.)
 - Perfect solution for remote control applications such as POS, security system, medical/factory/laboratory automation, and more!
 - Support TCP/IP, UDP, HTTP, DHCP, TELNET, ICRM, ARP.
 - Easy-to-Use Browser Based Firmware Configuration Method.
 - Powered by either external power adapter or any RS-232C port that supplies VCC +5V to +9V DC to pin 9.
 - Link to your barcode scanner, swipe card reader, proximity card reader, electronic door locks, medical tonometer, security equipments, and any serial devices from a single Computer host at your LAN or WAN.

Applications:

Access Control :

Attach your Access Controlling Devices with an eCOV-100 so that you can monitor and control all your serial devices which may be locate at different rooms / buildings / cities / countries from the computer on your desk.

Security Equipments :

Proximity Card Readers with Electronic Door Locks, and etc...

Time & Attendance

Buy a cheap serial badge card reader or a programmable keyboard with limited functions, connect it with your eCOV-100 Serial-Ethernet Converter, and then the cheap badge card reader is becoming a Time & Attendance Terminal! You don't have to worry about the time stamp and data collection since all these processing can be easily done by the software on your computer server.

Telecommunication

Connect your voice/fax modem over an Ethernet network via eCOV-100 Serial-Ethernet converter, no extra PCs are needed. (Note: modem connectivity feature is upon OEM request only. the standard eCOV-100 models does not support modem control)

Network power control

Switch On/Off your serial devices via Serial-Ethernet Converter

POS & Automatic Input Devices

Operate your POS peripherals without a POS terminal for cost saving POS application environments.

Factory Automation

Can be worked with the fixed barcode scanner or omni-directional barcode readers on the production line for example. or use a serial swipe card reader to read the production error codes so that the reader will send the error report to the corresponding service technician's PDA or mobile phone for a instant help request via the Ethernet/Wireless connection.

Home/Building Automation

Monitor and control any serial (Rs-232C) device you have at your office building or home.

Medical Equipments Automation

For example, you can attach the tonometer or any other medical equipments that comes with RS232 interface to an eCOV-100 Serial-Ethernet converter, the converter can send the patient's health data over internet to the the computer database server of local clinic or hospital, so that the doctors will be able to view patient's simple health report by look at the database without having the patients to actually come to the clinic.

SPECIFICATIONS

Model		eCOV-100	
Hardware	CPU	8	BITS
	SRAM	32K	BYTES
	ROM	32K	BYTES
	LAN	10M	BPS(RJ45)
Interface		RS232	1
Power		9~12V DC(120mA)	
Operate Temp.		0~55°C	
Dimensions (mm x mm x mm)		110X70X28 (WXDXH)	
RS-232	SPEED	300~115.2K bps	
	PARITY	None/Odd/Even	
	DATA BITS	7,8	
	STOP BITS	1,2	
	SIGNAL	RX,TX,RTS,CTS,DTR,DSR, DCD,GND	
LED	SYSTEM RUN, LAN TX, LAN RX, LAN LINK		
Protocol	TCP/IP/UDP/HTTP/DHCP/TELNET/ICMP/ARP		
Supported OS	Win 95/98/2000/NT4.0, UNIX, LINUX		
Certification	FCC, CE		
Software Development	Windows's WINSOCK SDK Development Utility		