

ES-701 ETHERNET TO SERIAL DEVICE SERVER

Ethernet 4 Port RS232

CONNECT, CONFIGURE, CONTROL YOUR SERIAL DEVICES

Description

Ethernet to Serial device server providing access to four RS232 serial port. Up to 230,400 data transfer rates, coupled with 1Mbit/s line drivers deliver uncompromising performance. Our ES range provides a simple, instant cable replacement providing network integration. A web interface allows secure configuration and control of the serial ports over a local network or the internet using any browser. For Windows our in-house designed (32 bit and 64 bit) driver gives you local COM ports, retaining existing software applications and allowing you to connect across your network to remote devices just as if they were attached locally. You can access the device via TCP/IP sockets from any networked device. On Windows OS TCP/IP sockets are handled by the Winsock API, this will differ on other OSes.

Windows Users - Our Boost.LAN driver gives you local COM ports, retaining existing software applications on your network and allowing you to connect over larger distances. Our ES products are simple, instant cable replacement providing network integration on Windows 7 and Windows XP. Can install on any COM Port from COM1 to COM255 and remembers your COM Port assignment on reboots.

Web Interface Users (Linux/Apple OS/Android) - Alternatively access the device via TCP/IP socket from any networked device. Configure options via web interface.

Extend your reach! Remote serial devices with local control. With Brainboxes industry renowned Lifetime Warranty* and Lifetime Support!



Features

- Max baud rate 230,400
- 10/100Base TX Ethernet port
- User friendly interface, simple to use, powerful in operation
- Web configuration and RFC2217 compliant interface for non-Windows users
- Rugged metal enclosure
- LED status indication
- Optional DIN rail mounting kit
- Power Supply included
- Power input 5-30V DC
- Simple operation for each and every operating system!

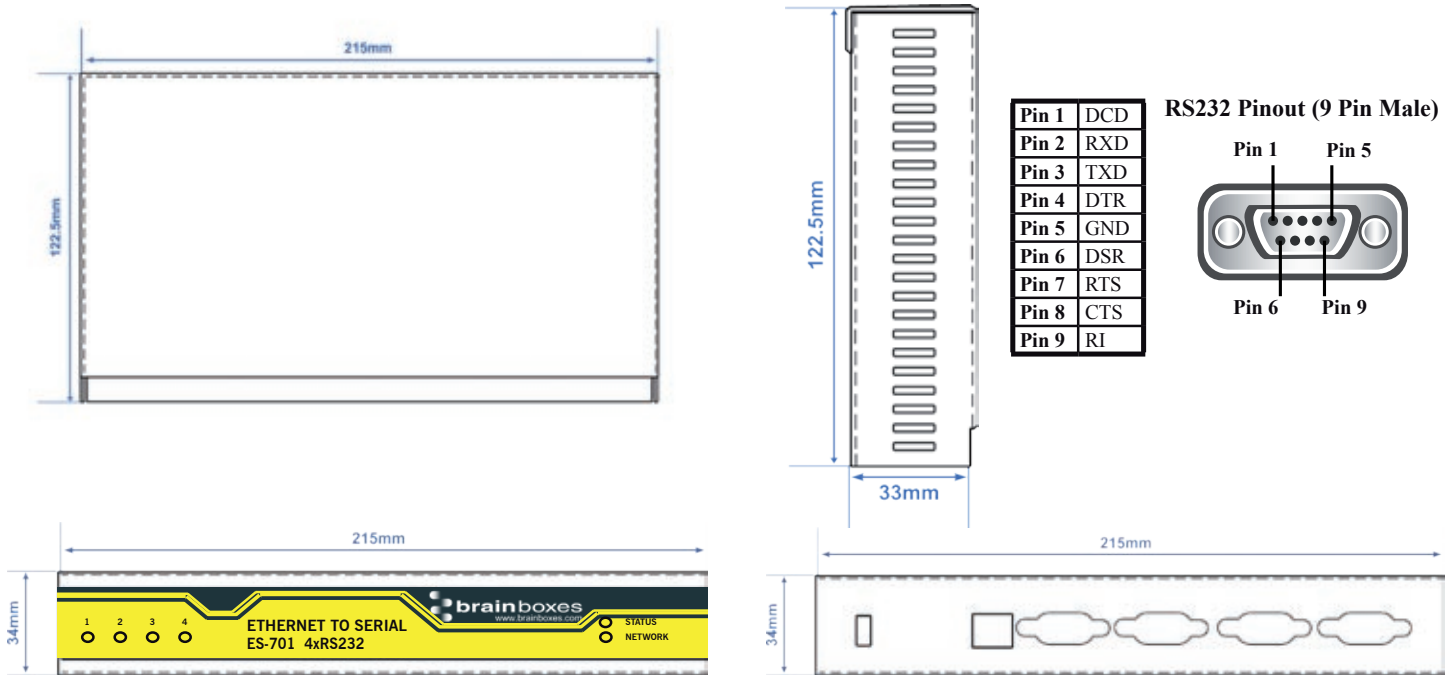
Example Application



Industrial PC

CNC Machine

Box Information



Key

- 1 - Power Input
- 2 - Reset button for device
- 3 - Ethernet port - 10/100 Mega bits/second

Box Dimensions

Size - 122.5x215x33mm

LED Information

LED Category	LED State	Meaning
Status LED	Flashing Green	Device Ready
	Flashing Yellow	Changing Settings
	Flashing between Red & Green	Querying IP
	Flashing Green/Red	User performing Hard Reset
	Flashing between Green & Red/Yellow	IP address diagnostic
	Flashing between Green & Yellow	Initialization diagnostic
Serial Port LEDs	Green light on	Port Open
	Flashing Green	Data RX / TX
Ethernet LED	Green light on	Link Established
	Flashing Green	Data RX / TX

Port

Ports	RS232
Connector	Connector DB9 -- 9 Pin Male
Power Input	5 - 30V DC input, reverse polarity protected

Port Settings - RS232

Baud Rate	230,400
Data Bits	5,6,7 or 8
Parity	Odd, Even, None, Mark or Space
Stop Bits	1, 1.5 or 2
Flow Control	RTS/CTS, DSR/DTR, XON/XOFF
Tx/Rx Modes	Point to Point

Port Settings - Ethernet

Data Rate	10/100 Mega bits/second
Cabling	Normal / Crossover auto-sensing (Auto-MDIX)

Product Information

Power Consumption	awaiting
Product Weight	0.722 kg Kg

Environmental

Operating Temperature	0 to 55°c
Storage Temperature	-20 to 85°c
Ambient Relative Humidity	5 to 95% (non-condensing)

Software

Network Protocols	ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, HTTP, RFC2217
Configuration Options	Windows Utility, Web Interface
OS Compatibility	Microsoft Windows 7 32 bit & 64 bit Editions / Windows Server 2008 32 bit & 64 bit Editions / Windows Vista 32 bit & 64 bit Editions / Windows Server 2003 32 bit & 64 bit Editions / Windows XP 32 bit & 64 bit Editions / Microsoft Windows 2000 / Fully RFC2217 compliant / Interface for other OS's & Linux
Connection to Network	Ethernet 10BaseT / 100BaseTX

Approvals

Industry Approvals	Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA
Microsoft Approvals	Microsoft Certified Gold Partner
Microsoft Signed Drivers	Windows 7 32 bit & 64 bit Editions Windows Server 2008 32 bit & 64 bit Editions Windows Vista 32 bit & 64 bit editions Windows Server 2003 32 bit & 64 bit Editions Windows XP 32 bit & 64 bit editions



Packing Information

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Device	Ethernet 4 Port RS232
Accessory Items	Wall Mounting kit for 4&8 ports - MK-059 Snap In DIN Clip kit for 4&8 ports - MK-070 Power Supply (UK) - PW-844 Power Supply (EU) - PW-811
Packaged Weight	0.93 kg Kg
Packaged Dims	250(l) x 370(w) x 70(h) mm mm

Product Support

Warranty Support

Lifetime - online registration required
Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team



Additional Information

OEM option

Available for bulk buy OEM

Made In

Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards 'Manufacturer of the Year'

Customisable

Brainboxes operate a 'Perfect Fit Custom Design' policy for volume users. More info: sales@brainboxes.com

Accessory Items

ORDER CODE - Wall Mounting kit for 4&8 ports - MK-059



Snap In DIN Clip kit for 4&8 ports - MK-070



ORDER CODE - Power Supply (UK) - PW-844



Power Supply (EU) - PW-811