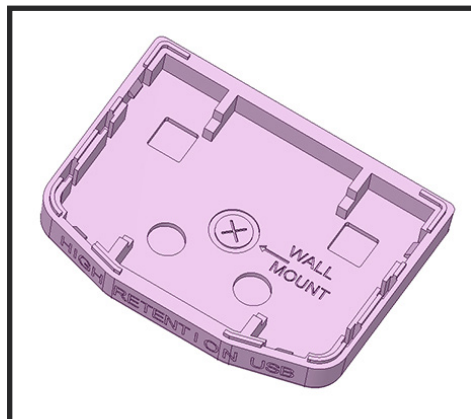# US-235

Ultra 1 Port RS232 USB to Serial Adapter

- 1 Port RS-232 USB to Serial Adapter
- Our smallest form factor USB to Serial
- -40˚C to +80˚C / -40˚F to +176˚F Operating Temperature
- High Retention USB connector with 0.5m USB cable
- Lifetime Warranty & Support

| IP50 | +80°C -40°C | HIGH RETENTION | RS232 | USB |
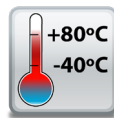
Industrial Specification IP-50 rated -40˚C to +80˚C -40˚F to +176˚F	Wall Mounting Option	Includes High Retention USB connector with 0.5m USB Type A to B cable

CE UKCA AEO MADE IN BRITAIN GLOBAL ACCREDITATIONS RoHS 2002/95/EC LIFETIME WARRANTY LIFETIME SUPPORT nqa ISO 9001:2015 Registered Quality Management UKAS MANAGEMENT SYSTEMS 015 nqa ISO 14001:2015 Registered Environment Management UKAS MANAGEMENT SYSTEMS 015

US-235   Ultra 1 Port RS232 USB to Serial Adapter

High retention USB connector
for an unshakeable connection

IP-50 rated non-conducting
case

Orange color-coded
insulator to differentiate
from standard USB
connectors

Plug and play with signed drivers

-40˚C to +80˚C/-40˚F to +176˚F
temperature range

USB connection requires
a minimum withdrawal
requirement of 15N

Works across the full spectrum of baud rates up to
921,600 including standard and arbitrary values

| Housing & Connectors	
	IP-50 rated non-conducting polyamide case
	DB9 Connector - 9 Pin Male
	High Retention USB Connector
	Wall mounting screw recess
Power Consumption	50mA @ 5V
Power Supply Input	+5V through USB cable (supplied)
Environmental	
Operating Temperature	-40˚C to +80˚C / -40˚F to +176˚F
Storage Temperature	-40˚C to +80˚C / -40˚F to +176˚F
Port Settings - RS232	
Baud Rate	From 110 - 1 MegaBaud - Any custom Baud rate accepted
Data Bits	5,6,7 or 8
Parity	Odd, Even, None, Mark or Space
Stop Bits	1 or 2
Flow Control	RTS/CTS, XON/XOFF
Tx/Rx Modes	Point to Point

US-235 Ultra 1 Port RS232 USB to Serial Adapter

21.4mm
41.2mm
31.8mm
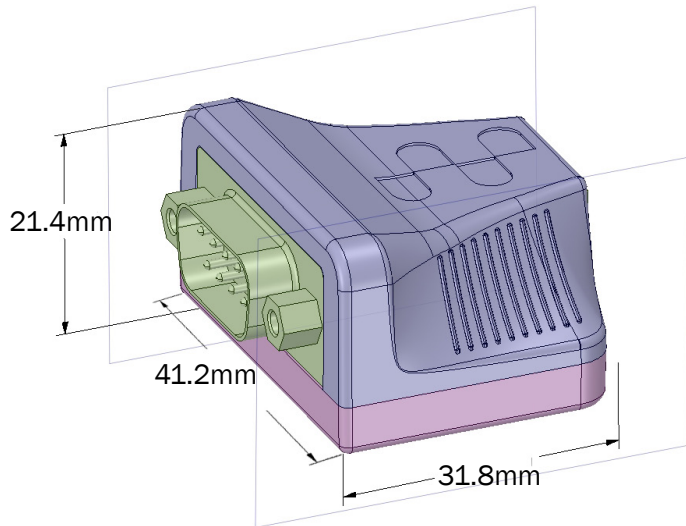
RS232

Pin 1	DCD
Pin 2	RXD
Pin 3	TXD
Pin 4	DTR
Pin 5	GND
Pin 6	DSR
Pin 7	RTS
Pin 8	CTS
Pin 9	RI

RS232 Pinout (9 Pin Male)

Pin 1   Pin 5
Pin 6   Pin 9
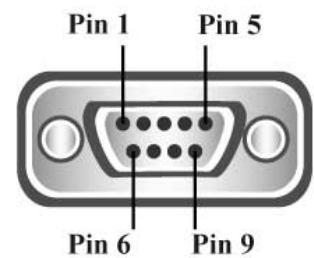
Software

OS Compatibility	Brainboxes' software provides a Serial COM port interface. All software versions and updates available to download from our website.
Microsoft	Windows 8, Windows 8.1, Windows 10
Windows Server 2016
Windows Server 2019

Windows 8 Compatible | Windows 8.1 Compatible | Windows 10 Compatible | Windows Server 2016 Certified | Windows Server 2019 Certified

Lifetime Warranty and Support:
We can help with every aspect of your project, from getting you up and running to custom application.

UK +44 (0)151 220 2500 // USA +1 855 958 2502 // www.brainboxes.com // sales@brainboxes.com

US-235   Ultra 1 Port RS232 USB to Serial Adapter

Packaging Information	QSG, Device, 0.5m USB Type A to B cable (signed drivers are automatically downloaded by Windows OS)
Product Weight	0.024 kg, 0.85 ounces
Product Dims	41x38x22 mm, 1.6x1.5x0.9 inches
Packaged Weight	0.155 kg, 5.47 ounces
Packaged Dims	160x135x45 mm, 6.3x5.3x1.8 inches
GTIN Universal Code	837324003499
Industry Approvals	Microsoft Certified Gold Partner, WEEE, RoHS, AEO (C-TPAT), CE, UKCA, UL
HTS	8471800000
ECCN	4A994
CAGE	8QCY6
Warranty	Lifetime - online registration required
Support	Lifetime Web, Email & Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team
Standards	ISO9001, ISO14001
OEM option	Available for bulk buy OEM
Customisable	Brainboxes operate a 'Perfect Fit Custom Design' policy for volume users More info:sales@brainboxes.com

USB to Serial Range
USB to Serial adaptors available in a range of formats and specifications

www.brainboxes.com

US-101

USB 1 Port RS232 1MBaud

US-235

Ultra 1 Port RS232 USB to Serial Adapter

US-257

2 Port RS232 USB to Serial Adapter