

<sup>™</sup>1984



**RoHS** Compliant



## BLUETOOTH 1xRS232 FEMALE DCE - CLASS "SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

/...../

**BL-830** 

# Bluetooth

#### Features

- Class :Class 2 Bluetooth device
- Suitable for ANY device with serial port
- Handshaking flow control
- Range Office: Field: 30m Office: 10mm
- Subject to local environment conditions
- Power on Pin 9
- Intergral Antenna
- Upgradeable onboard flash memory for latest Bluetooth Features
- 4 ways to Configure
- Up to 1.0 Megabaud RS232
- 9 Pin Male and Female Options

Options



BL-830: BLUETOOTH 1xRS232 FEMALE DCE - CLASS 2

#### Description

Compact, Award winning Brainboxes RS232 Adaptor female connector allows any device with an RS232 port to communicate with anotherBluetooth device without the need for any additionalsoftware. Ideal for Bluetooth enabling 'dumb' RS232 devices such asdataloggers etc. with option to power from Pin 9. Based onfully tested Bluetooth silicon, allowing communications at thefull Bluetooth rates. Integral antenna.

BLUETOOTH 1xRS232 FEMALE DCE - CLASS 2

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Software

- Configuration Utility (for Windows)
- Remote Configuration Over Bluetooth Link
- Command line Configuration
- Bulletin Board Configuration

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.





ORDER Description BLUETOOTH 1xRS232 FEMALE DCE - CLASS 2

Code BL-830

#### +44(0) 151 220 2500 | sales@brainboxes.com | www.brainboxes.com

### BLUETOOTH 1xRS232 FEMALE DCE - CLASS 2

#### BL-830: Full Specification

Bluetooth Radio Class Of Device Class 2   Bluetooth Radio Class Of Device 2.45 GH*   Bluetooth Integral Antenna Yes   Receiver Sensitivity -83   Output Nower > 0 dBm < 4 dBm   Operating Distance (Typical) Field 30m Office: 10m   Bluetooth Settings Max Tander rate (bks) 723   Configurable Local Device Name and Devec Class Yes   Configurable Local Device Name and Devec Class Field 30m   Configurable Local Device Name and Devec Class Yes   PICONET & SCATTERNET capable Yes   PICONET & SCATTERNET capable Yes   PICONET & SCATTERNET capable Yes   Serial Port Settings Sud Rec (B/k) 921,600   Data Bits 1 or 2   Prify Odd, Even, None   Stop Bits 1 or 2   Prover Control River Scurce   New Cription River Scurce   Dever Source Exernal Rever Device.110nA (B) SU Or Pover On Pin 9: 5V - 13.6 V   Comband power and Bluetooth Int LED Pover Source   Pover Consumption Deprever and Bluetooth Int LED   Pover Consumption Deprever and Bluetooth Int LED   Pover Consumption Deprever and Bluetooth Int LED   Pover Consumption <th>Bluetooth General</th> <th>Bluetooth Qualification</th> <th>1.1 Qualified</th>	Bluetooth General	Bluetooth Qualification	1.1 Qualified
Radio Frequency 2.45 GHz   Integral Antenna Yes   Reciver Settifyity -9.3   Output Rover >0 dBm < 4 dBm   Operating Distance (Typical) Field .30m Office: 10m   Bittetooth Settings Max Transfer rate (Kuk) 723   Cinct and Sever Mode Yes   PicONET & SCATTERNET Capable Yes   Piconet Settings Baud Rate (KB)   Piconet Settings Radio Rate (KB)   Piconet Settings Baud Rate (KB)   Piconet Settings Ratio Rate (KB)   Piconet Settings Ratio Rate (KB)   Piconet Settings Ratio Rate (KB)   Sorge Bits 1 or 2   Finic Construction Piconet Construction   Sorge Bits 1 or 2   Finic Row Control Piconet Construction   Socrity Levels Low, Medium Brigh Security Mode 1.2 & 31   Socrity Levels Low, Medium Brigh Security Mode 1.2 & 31   Socrity Levels Lomination on usage   Soreage Temperature B	Bluetooth Radio	Class Of Device	Class 2
Sector Sector Receiver Sensitivity -83   Output Power > 0 dBm < 4 dBm   Operating Distance (Typical) Field: 30m Office: 10m   Buetooth Settings Max Transfer rate (0b/s) 723   Configurable Discover/Spical Yes   and Discover Case Enable/Disable/Link key expiry/2 proximity modes   Client and Sever Mode Yes   Client and Sever Mode Yes   Security mode and PIN number Yes   Pactory Reset Yes   Buetooth Security Yes   Baud Rate (KR/s) 921,600   Data Bits 8   Parity Odd, Even, None   Stop Bits 1 or 7   Flow Control RtS/CTS, DTR/DSR   Buetooth Security Encryption   Power Consumption Depender is Totin to Point to Point and Broadcast!   PIN Authentication Phil: Select from its or enter custom (16 character limit)   Security Levels Cambined power device: 110m & 0:5V Or Power On Pin 9: 5V - 13.6 V   Clientard Compatibility   Storage Temperature Range 0 'C to 1 70 'C / 132 'F to 1 131 'F   Weight 0.024 kg   Storage Temperature Range 9 pin male   Storage Temperature Range 9 c' to 1 70 'C / 132 'F to 1 131 'F   Weight <t< th=""><th></th><th>Radio Frequency</th><th>2.45 GHz</th></t<>		Radio Frequency	2.45 GHz
Dutyu Power     > 0 dBm < 4 dBm       Operating Distance (Typical)     Field 30m < 4fBm       Bluetooth Settings     Max Tranfer Tate (Kb/)     723       Configurable Discover Data     Yes       and Dorice Class     EnableDisableUnk key expiry/2 proximity modes       Configurable Discover Data     Yes       Security mode and PIN number     Yes       PARK and SNIFF mode     Yes       PARK and SNIFF mode     Yes       Parting Office Security     Yes       Baud Rate (Kl/s)     921,000       Baud Rate (Kl/s)     921,000       Data Bits     8       Parting     Odd, Even, None       Stop Bits     1 or 2       Flow Control     RISCTS, DTR/DSR       Bluetooth Security     Encrytion       PiN Authentication     PiN: Select from it or Point to Point and Broadcast'       PiN Authentication     PiN: Select from its or enter custom (16 character limit)       Security Lee8     Low, Medium & High (Security Mode 1, 2 & 3)       Power Consumption     Dopends on utage       Power Source     External Power Derice: 110m Agb 5V Or Power On Pin 9: 5V - 13.6 V       LEDS		Integral Antenna	Yes
Dutyu Power     > 0.48m × 4.48m       Operating Distance (Typical)     Field: 30m Office: 10m       Bluetooth Settings     Max Tranfer rate (Kb/)     723       Configurable Dice Olarse Name and Device Class     Yes       and Device Class     Yes       Configurable Diceoverability Security mode and PNN number     Yes       Paring Options     Yes       Security mode and PNN number     Yes       RCONFT & SCATTERNET capable     Yes       Park and SNIFF mode     Yes       Park (Kb/s)     201,600       Baud Rate (Kb/s)     201,600       Baud Rate (Kb/s)     201,600       Paring Options     Paring Option       Paring No     Odd, Even, None       Stop Bits     1 or 2       Revectort Security     Encryption       Park Word Source     External Power Device: 110m Agb 'SV Or Power On Pin 9: SV - 13.6 V       Edenation     Noner , 'Point to Point to Point and Broadcast'       Power Consumption     Depends on usage       Power Source     External Power Device: 110m Agb 'SV Or Power On Pin 9: SV - 13.6 V       EDS Scorage Temperature Range     OC to +70 °C / +32 'F to +131 °F	<b>Bluetooth</b>	Receiver Sensitivity	-83
Metres*     Aux Transfer rate (kt/s)     723       Buetooth Settings     Max Transfer rate (kt/s)     723       Configurable Local Device Name and Device Cass     Feable/Disable/Link key expiry/2 proximity modes       Client and Sever Mode     Yes       Client and Sever Mode     Yes       Client and Sever Mode     Yes       PRCNET Security mode and PIN number     Yes       PRCNET Security mode and PIN number     Yes       PARK and SNIFF mode     Yes       Park and (KR/s)     Odd, Even, None			> 0 dBm < 4 dBm
Bluetooth Settings     Max Tanfer rate (Kb/s)     723       Configurable Local Device Name and Device Class     Yes       Pairing Options     Enable/Disable/Link key expiry/2 proximity modes       Configurable Discoverability, Security mode and RN number     Yes       PARK and SNIFF mode     Yes       Factory Rest     Yes       Serial Port Settings     Baid Rate (KB/s)     921,600       Data Bits     8       Parity     Odd, Even, None       Stop Bits     1 or 2       Flow Control     RTS/CTS, DTR/DSR       Buetooth Security     Pik: Select from list or enter or:Point to Point and Broadcast'       PIN Authentication     Pik: Select from list or enter custom (16 character limit)       Security Levels     Low, Mexium & High Gecurity Mode 1, 2, 8, 3)       General     Power Consumption     Depends on usage       Storage Temperature Range     0°C to +70°C/C + 32 °F to +131 °F       Weight     Ou24 kg     Support       Size Wubbit (mm)     Each Adapter is 750) x 34(w) x 19(h) mm, 2.95(i) x 1.34(w) x 0.75(h) inches       Size Vubbit (mm)     Each Adapter is 750, x 34(w) x 19(h) mm, 2.95(i) x 1.34(w) x 0.75(h) inches       Size Wubbit (mm)			Field: 30m Office: 10m
Configurable Local Device Name and Device Class Yes   Pairing Options Enable/Disable/Link key expiry/2 proximity modes   Client and Server Mode Yes   Configurable Discoverability, Security modes and PIN number Yes   PICONET & SCATTERNET capable Yes   PRONET & SCATTERNET capable Yes   Serial Port Settings Baud Rate (Rah)   Baud Rate (Rah) 221,600   Data Bits 8   Pairity Odd, Even, None   Stop Bits 1 or 2   Row Control RTS/CTS, DTR/DSR   Bluetooth Security Encryption   PIN Authentication PN: Select from Ist or enter custom (16 character limit)   Security Levels Low, Medium & High (Security Mode 1, 2 & 3)   General Power Source External Power Device: 110m Ad (9 5V Or Power On Pin 9: SV - 13.6 V   Combined power and Bluetooth link LED Power Consumption Depends on usage   Storage Temperature Range 0 C to + 70 °C / +32 °F to + 131 °F   Velagit Size WobkH (mm) Each Adapter is 75(1) x 34(w) x 19(h) mm, 2.95(f) x 1.34(w) x 0.75(h) inches   Bize Variation Windows Utility software or Remote/terminal Config   Weight Otter Approvals Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,   Product Support Other Approvals	Bluetooth Settings		723
Client and Server Mode Yes   Configurable Discoverability, Security mode and PIN number Yes   PRCMERTS & SCATTERNET capable Yes   PARK and SNIFF mode Yes   Factory Reset Yes   Serial Port Settings Buad Rate (KB/s) 921,600   Data Bits 8   Parity Odd, Even, None   Stop Bits 1 or 2   How Control RTS/CTS, DTR/DSR   Bluetooth Security Pico Werts   Pow Control RTS/CTS, DTR/DSR   Bluetooth Security Pow Control   Row Control Noner', 'Point to Point' or 'Point to Point and Broadcast'   PIN Autentication PIN: Select from list or enter custom (16 character limit)   Security Levels Low, Medium & High (Security Mode 1.2 & 3)   General Power Source External Power Device: 110mA @ SV Or Power On Pin 9: SV - 13.6 V   LEDS Combined power and Bluetooth link LED   Power Consumption Depends on usage   Storage Temperature Range 0 'C to +70 'C / +32 'F to +131 'F   Weight 0.024 kg   Izterface OS Compatibility   Suitable for any device with Serial Port   Configuration Windows Utility software or Remote/terminal Config   Approvals Other Approvals   M		Configurable Local Device Name	Yes
Client and Server Mode Yes   Configurable Discoverability, Security mode and PIN number Yes   PRCMER'S & SCATTERNET capable Yes   PARK and SNIFF mode Yes   Pactory Reset Yes   Serial Port Settings Buad Rate (KB/s) 921,600   Data Bits 8   Parity Odd, Even, None   Stop Bits 1 or 2   How Control RTS/CTS, DR/DSR   Bluetooth Security Pino Yeint to Point or Point to Point and Broadcast'   PIN Autentication PIN: Select from list or enter custom (15 character limit)   Security Levels Low, Medium & High (Security Mode 1.2 & 3)   General Power Source External Power Device: 110mA @ SV Or Power On Pin 9: SV - 13.6 V   LEDS Combined power and Bluetooth link LED   Power Consumption Depends on usage   Storage Temperature Range 0 'C to +70 'C / +32 'F to +131 'F   Weight 0.024 kg   Interface OS Compatibility   Suitable for any device with Serial Port   Configuration Windows Utility software or Remote/terminal Config   Approvals Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, TAA,   Product Support Waranty   Weight Support   Weight<		Pairing Options	Enable/Disable/Link key expiry/2 proximity modes
Security mode and PIN number Yes   PICONET & SCATTERNET capable Yes   PAK and SNIFF mode Yes   Factory Reset Yes   Serial Port Settings Baud Rate (Rg/s) 921,600   Data Bits 8   Parity Odd, Even, None   Stop Bits 1 or 2   Flow Control RTS/CTS, DTR/DSR   Bluetooth Security Encryption Yoon' 'Point to Point or Point to Point and Broadcast'   PIN Authentication PIN: Select from list or enter custom (16 character limit)   Security Levels Low, Medium & High (Security Mode 1, 2 & 3)   Seneral Power Source External Power Device: 110mA @ 5V Or Power ON PI 9: 5V - 13.6 V   Combined power and Bluetooth link LED Power Consumption Depends on usage   Storage Temperature Range 0"C to +70"C/ +32"F to +131"F   Veight 0.024 kg   Size WxDxH (mm) Each Adapter is 75(i) x34(w) x19(h) mm, 2.95(i) x1.34(w) x 0.75(h) inches   R5232 Connector 9 in male   Interface OS Compatibility Suitable for any device with Serial Port   Vidiovs Utility software or Remote/terminal Config Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,   Product Support Warranty 3 Years   Litterine Web, Email and Phone Support from fully qualified, friend			
PARK and SNIFF mode Yes   Factory Reset Yes   Serial Port Settings Baud Rate (KB/s) 921,600   Data Bits 8   Parity Odd, Even, None   Stop Bits 1 or 2   How Control RTS/CTS, DTR/DSR   Bluetooth Security Encryption 'None' , 'Point to Point to Point and Broadcast'   PIN Authentication PIN: Select from list or enter custom (16 character limit)   Security Levels Low, Medium & High (Security Mode 1, 2 & 3)   General Power Source External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V   LDS Combined power and Bluetooth link LED   Power Consumption Depends on usage   Storage Temperature Range 0 'C to +70 ''C / +32 'F to +131 'F   Weight 0.024 kg   Size WxDxH (mm) Each Adapter is 75(I) x 34(w) x 19(h) mm, 2.95(I) x 1.34(w) x 0.75(h) inches   R5232 Connector 9 pin male   Approvals Off any device with Serial Port   Configuration Wirdows Utility software or Remote/terminal Config   Approvals Otem Approvals Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,   Product Support Waranty 3 Years   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development			Yes
Factory Reset Yes   Serial Port Settings Baud Rate (KB/s) 921,600   Data Bits 8   Parity Odd, Even, None   Stop Bits 1 or 2   Flow Control RtS/CTS, DTR/DSR   Bluetooth Security Encryption 'None', 'Point to Point to Point and Broadcast'   PIN Authentication PIN: Select from list or enter custom (16 character limit)   Security Levels Low, Medium & High (Security Mode 1, 2 & 3)   General Power Source External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V   Elbs Combined power and Bluetooth link LED   Power Consumption Depends on usage   Storage Temperature Range 0 °C to + 70 °C / +32 °F to + 131 °F   Weight 0.024 kg   Size WxDxH (mm) Each Adapter is 75(0) x 34(w) x 19(h) mm, 2.95(i) x 1.34(w) x 0.75(h) inches   R5232 Connector 9 pin male   Sourgation Windows Utility software or Remote/terminal Config   Approvals Other Approvals Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,   Product Support Warranty 3 Years   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team   Made In Maufactured in the UK by Brinboxes Winner 2005 European Electronics Industry Awards "Manufact		PICONET & SCATTERNET capable	Yes
Serial Port Settings     Baud Rate (KB/s)     921,600       Data Bits     8       Parity     Odd, Even, None       Stop Bits     1 or Z       Flow Control     RTS/CTS, DTR/DSR       Bluetooth Security     Encryption       PIN     Wore', 'Point to Point' or 'Point to Point and Broadcast'       PIN     Encryption       Security Levels     Low, Medium & High (Security Mode 1, 2 & 3)       General     Power Source     External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V       LEDs     Combined power and Bluetooth link LED     Power Consumption       Depends on usage     Storage Temperature Range     0 °C to +70 °C / +32 °F to +131 °F       Weight     0.024 kg     Size WxDxH (mm)     Each Adapter is 75(i) x 34(w) x 19(h) mm, 2.95(i) x 1.34(w) x 0.75(h) inches       R5222 Connector     9 pin male     Sutable for any device with Serial Port       Configuration     Windows Utility software or Remote/terminal Config       Approvals     Other Approvals     Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,       Product Support     Warranty     3 Years     Support       Ifetime Web, Email and Phone Support from fully qualified		PARK and SNIFF mode	Yes
Serial Port Settings     Baud Rate (KB/s)     921,600       Data Bits     8       Parity     Odd, Even, None       Stop Bits     1 or Z       Flow Control     RTS/CTS, DTR/DSR       Bluetooth Security     Encryption       PIN     Automation       Sceurity Levels     Low, Medium & High (Security Mode 1, 2 & 3)       General     Power Source     External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V       LEDs     Combined power and Bluetooth link LED     Power Consumption       Pered Consumption     Depends on usage     Storage Temperature Range     0 °C to +70 °C / +32 °F to +131 °F       Weight     0.024 kg     Size WXDXH (mm)     Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches       R5222 Connector     9 pin male     Suitable for any device with Serial Port       Configuration     Windows Utility software or Remote/terminal Config       Approvals     Other Approvals     Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,       Product Support     Warranty     3 Years       Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongiside the Product Development Team		Factory Reset	Yes
Data Bits     8       Parity     Odd, Even, None       Stop Bits     1 or 2       Flow Control     RTS/CTS, DTR/DSR       Bluetooth Security     Encryption       PIN Authentication     PIN: Select from list or enter custom (16 character limit)       Security Levels     Low, Medium & High (Security Mode 1.2 & 3)       General     Power Source     External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V       LEDs     Combined power and Bluetooth link LED     Power Consumption       Power Consumption     Depends on usage     Storage Temperature Range       Size WxDxH (mm)     Each Adapter is 75(I) x 34(w) x 19(h) mm, 2.95(I) x 1.34(w) x 0.75(h) inches       R5232 Connector     9 pin male       Octor Approvals     Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,       Product Support     Variantry     3 Years       Lifetimer Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team       Additional     OEM option     Available for bulk buy OEM       Made In     Maufactured in the UAb y Brainboxes Winner 2005 European Electronics Industry Awards Proved The Year"       Eutoronis sable     Brainboxes operate a "Perfet Fit Cust	Serial Port Settings		921,600
Stop Bits 1 or 2   How Control RTS/CTS, DTR/DSR   Bluetooth Security Encryption 'None', 'Point to Point or 'Point to Point and Broadcast'   PIN Authentication PIN: Select from list or enter custom (16 character limit)   Security Levels Low, Medium & High (Security Mode 1, 2 & 3)   General Power Source External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V   LEDs Combined power and Bluetooth link LED Power Consumption   Depends on usage 0 °C to +70 °C / +32 °F to +131 °F   Veight 0.024 kg   Size WxDxH (mm) Each Adapter is 75(1) x 34(w) x 19(h) mm, 2.95(1) x 1.34(w) x 0.75(h) inches   R5232 Connector 9 pin male   Interface OS Compatibility Suitable for any device with Serial Port   Configuration Windows Utility software or Remote/terminal Config   Approvals Other Approvals Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,   Product Support Varranty 3 Years   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team   Additional OEM option Available for bulk buy OEM   Made In Maufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"   WINNER Brainboxes operate a "Perfec	-	Data Bits	8
Flow Control RTS/CTS, DTR/DSR   Bluetooth Security Encryption 'None', 'Point to Point 'or 'Point to Point and Broadcast'   PIN Authentication PIN: Select from list or enter custom (16 character limit)   Security Levels Low, Medium & High (Security Mode 1,2 & 3)   General Power Source External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V   LEDs Combined power and Bluetooth link LED   Power Consumption Depends on usage   Storage Temperature Range 0 °C to +70 °C / +32 °F to +131 °F   Weight 0.024 kg   Size WxDxH (mm) Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches   R5232 Connector 9 pin male   Socontation Windows Utility software or Remote/terminal Config   Approvals Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,   Years Support   Warranty 3 Years   Additional OEM option   Available for bulk buy OEM   Made In Maufactured in the Wcb, Email and Phone Support from fully qualified, friendly staff who works "Manufacturer of the Year"   WINNER OEM option		Parity	Odd, Even, None
Bluetooth Security   Encryption   'None' , 'Point to Point 'or 'Point to Point and Broadcast'     PIN Authentication   PIN: Select from list or enter custom (16 character limit)     Security Levels   Low, Medium & High (Security Mode 1,2 & 3)     General   Power Source   External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V     LEDs   Combined power and Bluetooth link LED     Power Consumption   Depends on usage     Storage Temperature Range   0 °C to +70 °C / +32 °F to +131 °F     Weight   0.024 kg     Size WXDXH (mm)   Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches     R5232 Connector   9 pin male     Interface   OS Compatibility   Suitable for any device with Serial Port     Configuration   Windows Utility software or Remote/terminal Config     Approvals   Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,     Product Support   Warranty   3 Years     Additional   OEM option   Available for bulk buy OEM     Made In   Maufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"     WINNER w   Ustomisable   Brainboxes operate a "Perfect Fit Custom Design" policy for volume		Stop Bits	1 or 2
PIN Authentication Security LevelsPIN: Select from list or enter custom (16 character limit) Low, Medium & High (Security Mode 1,2 & 3)GeneralPower SourceExternal Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V Combined power and Bluetooth link LED Power ConsumptionDepends on usageStorage Temperature Range0 °C to +70 °C / +32 °F to +131 °F VeightVeight0.024 kgSize VxDxH (mm)Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inchesRS232 Connector9 pin maleInterfaceOS CompatibilitySuitable for any device with Serial PortConfigurationWindows Utility software or Remote/terminal ConfigApprovalsOther ApprovalsMicrosoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,Product SupportWarranty3 YearsLifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development TeamMade InAvailable for bulk buy OEM Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacture of the Year"VINNER Brainboxes operate a "Perfect Fit Custom Design" policy for volume		Flow Control	RTS/CTS, DTR/DSR
Security Levels   Low, Medium & High (Security Mode 1, 2 & 3)     General   Power Source   External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V     LEDs   Combined power and Bluetooth link LED     Power Consumption   Depends on usage     Storage Temperature Range   0 °C to +70 °C / +32 °F to +131 °F     Weight   0.024 kg     Size WXDXH (mm)   Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches     R5232 Connector   9 pin male     Interface   OS Compatibility     OS Compatibility   Suitable for any device with Serial Port     Configuration   Windows Utility software or Remote/terminal Config     Approvals   Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,     Product Support   Warranty   3 Years     Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team     Additional   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"     Lustomisable   Brainboxes operate a "Perfect Fit Custom Design" policy for volume	Bluetooth Security	Encryption	'None' , 'Point to Point' or 'Point to Point and Broadcast'
General   Power Source   External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V     LEDs   Combined power and Bluetooth link LED     Power Consumption   Depends on usage     Storage Temperature Range   0 °C to +70 °C / +32 °F to +131 °F     Weight   0.024 kg     Size WxDxH (mm)   Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches     R5232 Connector   9 pin male     OS Compatibility   Suitable for any device with Serial Port     Configuration   Windows Utility software or Remote/terminal Config     Approvals   Other Approvals     Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,     Product Support   Varranty     Support   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team     Additional   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		PIN Authentication	PIN: Select from list or enter custom (16 character limit)
LEDs   Combined power and Bluetooth link LED     Power Consumption   Depends on usage     Storage Temperature Range   0 °C to +70 °C / +32 °F to +131 °F     Weight   0.024 kg     Size WxDxH (mm)   Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches     RS232 Connector   9 pin male     Interface   OS Compatibility   Suitable for any device with Serial Port     Configuration   Windows Utility software or Remote/terminal Config     Approvals   Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,     Product Support   Support   Support     Itértime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team     Additional   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"     Kustomisable   Brainboxes operate a "Perfect Fit Custom Design" policy for volume		Security Levels	Low, Medium & High (Security Mode 1,2 & 3)
Power ConsumptionDepends on usageStorage Temperature Range0 °C to +70 °C/ +32 °F to +131 °FWeight0.024 kgSize WxDxH (mm)Each Adapter is 75(1) x 34(w) x 19(h) mm, 2.95(1) x 1.34(w) x 0.75(h) inchesR5232 Connector9 pin maleInterfaceOS CompatibilitySuitable for any device with Serial PortConfigurationWindows Utility software or Remote/terminal ConfigApprovalsOther ApprovalsVortartVarrantySupportSupportVortartSupportVortartOEM optionAdditionalOEM optionMade InManufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"VINNERCustomisableBrainboxes operate a "Perfect Fit Custom Design" policy for volume	General	Power Source	External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V
Storage Temperature Range   0 °C to +70 °C / +32 °F to +131 °F     Weight   0.024 kg     Size WxDxH (mm)   Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches     R5232 Connector   9 pin male     Interface   OS Compatibility   Suitable for any device with Serial Port     Configuration   Windows Utility software or Remote/terminal Config     Approvals   Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,     Product Support   Warranty   3 Years     Iterface   OEM option   Available for bulk buy OEM     Additional   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"     WINNER   Customisable   Brainboxes operate a "Perfect Fit Custom Design" policy for volume		LEDs	Combined power and Bluetooth link LED
Weight0.024 kgSize WxDxH (mm)Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inchesRS232 Connector9 pin maleInterfaceOS CompatibilitySuitable for any device with Serial PortConfigurationWindows Utility software or Remote/terminal ConfigApprovalsOther ApprovalsWarranty3 YearsSupportSupportSupportSupportSupportCeM optionAdditionalOEM optionMade InMaufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"SupportCustomisableBrainboxes operate a "Perfect Fit Custom Design" policy for volume		Power Consumption	Depends on usage
AdditionalEach Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches 9 pin maleInterfaceOS CompatibilitySuitable for any device with Serial PortConfigurationWindows Utility software or Remote/terminal ConfigApprovalsOther ApprovalsMicrosoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,Product SupportWarranty3 YearsImage: CompatibilitySupportLifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development TeamAdditionalOEM optionAvailable for bulk buy OEMImage: CompatibilityMade InManufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacture of the Year" Brainboxes operate a "Perfect Fit Custom Design" policy for volume		Storage Temperature Range	0 °C to +70 °C / +32 °F to +131 °F
Interface   9 pin male     Interface   OS Compatibility   Suitable for any device with Serial Port     Configuration   Windows Utility software or Remote/terminal Config     Approvals   Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,     Product Support   Warranty   3 Years     Support   Support   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team     Additional   OEM option   Available for bulk buy OEM     Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"   Brainboxes operate a "Perfect Fit Custom Design" policy for volume		Weight	0.024 kg
InterfaceOS CompatibilitySuitable for any device with Serial PortConfigurationWindows Utility software or Remote/terminal ConfigApprovalsOther ApprovalsMicrosoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,Product SupportWarranty3 YearsSupportSupportLifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development TeamAdditionalOEM optionAvailable for bulk buy OEMMade InManufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year" Brainboxes operate a "Perfect Fit Custom Design" policy for volume		Size WxDxH (mm)	Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches
Approvals   Configuration   Windows Utility software or Remote/terminal Config     Approvals   Other Approvals   Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,     Product Support   Warranty   3 Years     Image: Configuration   Support   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team     Additional   OEM option   Available for bulk buy OEM     Image: Configuration   Made In   Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"     Image: Configuration   Customisable   Brainboxes operate a "Perfect Fit Custom Design" policy for volume		RS232 Connector	9 pin male
ApprovalsOther ApprovalsMicrosoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,Product SupportWarranty3 YearsImage: Image: Imag	Interface	OS Compatibility	Suitable for any device with Serial Port
Product Support   Warranty   3 Years     Image: Support   Support   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team     Additional   OEM option   Available for bulk buy OEM     Image:		Configuration	Windows Utility software or Remote/terminal Config
Support   Support   Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team     Additional   OEM option   Available for bulk buy OEM     Made In   Maufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"     WINNER   Customisable   Brainboxes operate a "Perfect Fit Custom Design" policy for volume	Approvals	Other Approvals	Microsoft Certified Gold Partner, WEEE, RoHSEMC: CE, EMC: CE, TAA,
Winner   Winner   Customisable   Made In   Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"	Product Support	Warranty	3 Years
Electro O5   Made In     WINNER   Customisable		Support	
Electro O5   Made In     WINNER   Customisable	Additional	OEM option	Available for bulk buy OEM
	***		Manufactured in the UK by Brainboxes Winner 2005 European
Made in the UK users. More Info: sales@brainboxes.com	Manufacturer of the Year 🛛 📩 🛧 📩	Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com

Other Brainboxes Ranges: PCI Express | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial +44(0) 151 220 2500 | sales@brainboxes.com



www.brainboxes.com

