USB to TTL Miniature Converter
Model BB-TTL3USB9M

PRODUCT FEATURES

- Connect 3.3V TTL devices to your USB port
- TTL data rate: up to 460.8 Kbps
- Quick, convenient in-line installation
- USB port-powered
- Small easily fits in laptop bag – perfect for field service
- USB 2.0 (12 Mbps) compatible
- Supports Windows 98, ME, 2000, XP, Vista, 7 (32/64 bit), 8 (32/64 bit)
- USB cable included

Universal Serial Bus (USB) has become the connectivity workhorse of today's PCs, replacing the familiar serial ports. However, many commercial and industrial devices still use the TTL interface. To connect these devices to modern PCs, you need a simple and reliable conversion solution. The BB-TTL3USB9M, USB to 3.3V TTL converter, offers this solution in a space saving, port-powered package.

Simply install the drivers supplied on CD ROM and plug the converter into an available USB port on your computer or USB hub. The device will show up as an additional COM port in the Windows Device Manager which is fully compatible with your Windows applications. A one meter USB cable is included.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
BB-TTL3USB9M	USB to 3.3V TTL Miniature Converter

ACCESSORIES – sold separately

BB-USBAMBM-3F - USB cable, 1 m (3 ft) (One included.)

B+B SMARTWORX

Powered by ADVANTECH

orders@advantech-bb.com
support@advantech-bb.com

Corporate Headquarters: 707 Dayton Road, PO Box 1040 Ottawa, IL 61350 USA   815-433-5100 Fax 433-5104
European Office: Westlink Commercial Park, Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445

USB to TTL Miniature Converter
Model BB-TTL3USB9M

SPECIFICATIONS

| SERIAL TECHNOLOGY	
TTL	TD, RD, CTS, RTS, GND
Level	3.3V
Connector	DB9 Male
Data Rate	Up to 460.8 Kbps
USB TECHNOLOGY	
Connector	USB Type B Female
Standard	2.0 (backward compatible)
Data Rate	12 Mbps
POWER	
Source	USB Port
Input Voltage	5 VDC
Consumption	~ 0.5 W (Low power device, draws less than 100 mA)
SOFTWARE	
Driver CD	Windows 98, ME, 2000, XP, Vista, 7 (32/64 bit), 8 (32/64 bit)
MECHANICAL	
Dimensions	5.8 x 3.2 x 1.6 cm (2.3 x 1.3 x .6 in)
Enclosure	In-line mounted, plastic
Weight	104.3 g (0.23 lb) with USB cable
ENVIRONMENTAL	
Operating Temperature	0 to +70 °C (+32 to +158 °F)
Storage Temperature	-40 to +85 °C (-40 to +185 °F)
Operating Humidity	0 to 95% (non-condensing)
MEANTIME BETWEEN FAILURES (MTBF)	
TTL3USB9M	1981564 hours
MTBF Method	Parts Count Reliability Prediction
REGULATORY	
Approvals	FCC, CE

CERTIFICATIONS	
2004/108/EC	Electromagnetic Compatibility Directive
2011/65/EU	Reduction of Hazardous Substances Directive
EN 55022: +AC	Information Technology Equipment - Class B RF Emissions
EN 61000-6-1	Generic Immunity Standard for Residential, Commercial and Light-Industrial Environments
EN 61000-4-2	ESD Immunity
EN 61000-4-3: +A2	Radiated Immunity
EN 61000-4-4	EFT/Burst Immunity
EN 61000-4-6	RF Conducted Immunity

PINOUTS: RS-232 DB9 MALE DTE CONNECTOR
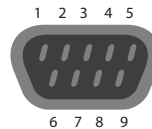
PIN	DIRECTION	SIGNAL NAME
1	---	Not Used
2	Input	RD (Receive Data)
3	Output	TD (Transmit Data)
4	---	Not Used
5	N/A	SG (Signal Ground)
6	---	Not Used
7	Output	RTS (Request to Send)
8	Input	CTS (Clear to Send)
9	---	Not Used

MECHANICAL DIAGRAM
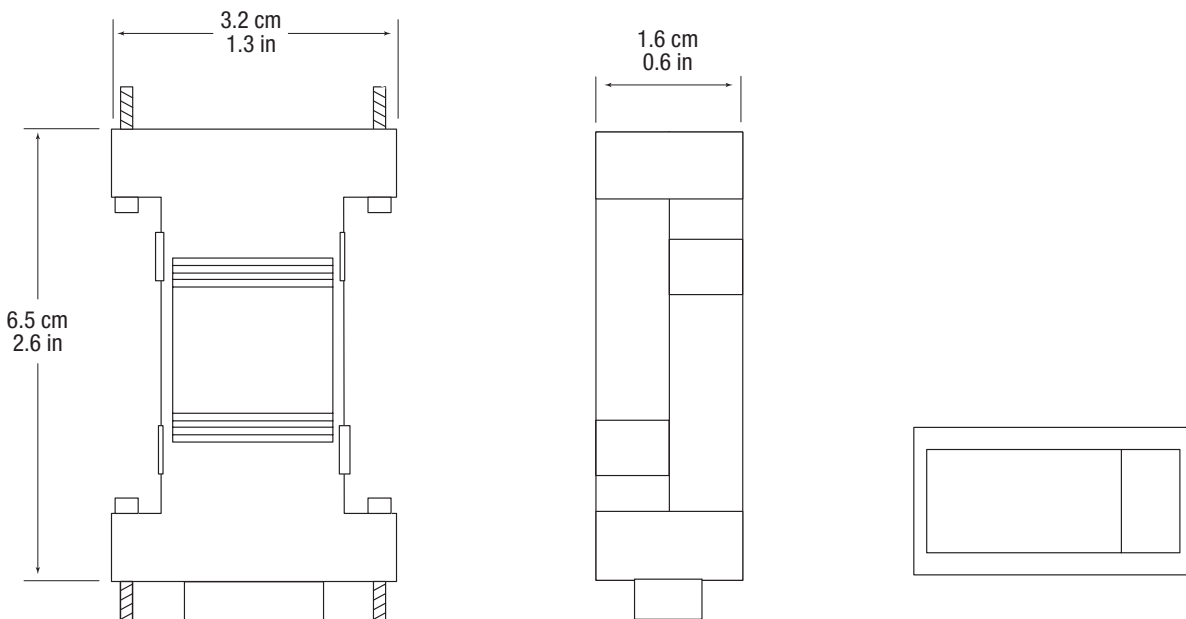
X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Interface Modules *category:*

Click to view products by B+B SmartWorx *manufacturer:*

Other Similar products are found below :

IFD8520 cPCI-3544 422CON ATX6022/14GP7 ATX6022/8 AX93221-24/48 FC6A-EXM2 OPT8AP-AE 96RMKVM-19V1C-A 60016-011 60016-014 60006-008 60011-075 HPCI-14S12U cBP-3208 cBP-3062A FAB205-6P5 ATX6022/6 60016-012 96RMKVM-17V1C-A MOS-1120Y-0201E 96RMLCD-17V1-A 96RMKVM-17V8C-A 60004-005 60016-017 60006-009 60016-035 60016-034 60016-031 60016-030 60016-026 60016-024 60016-018 60016-007 60016-005 60007-002 60006-010 AXX10GBTWLHW3 382-BBEH 555-BDCL K6CMISZBI52 426451401-3 60011-093 MIC-3620/3-BE MPCIE-UART-KIT02-R20 RSM232 PCIE-1680-AE BB-FOSTCDRI 73-544-002 UC-313