

SureCross™ RS-485 to USB Adapter Cable

An adapter cable used to connect a Gateway to a Windows PC

Features



- Connects a Windows PC USB port to a SureCross DX80 Gateway
- Supplies power for one DX80 Gateway device or one Data Radio device
- Supports baud rates of 9600, 19200, and 38400
- Converts USB to RS-485 (2-wire) with a Euro-style connector
- Supports Windows XP and Vista
- Includes cable, User Configuration Tool software, USB driver, and documentation on CD

For additional information and a complete list of accessories please refer to Banner Engineering's website, www.bannerengineering.com/surecross.

Models

Model	Adapter	Length
BWA-HW-006	485 to USB	1 meter

Hookup Diagrams

4-pin M12 Euro
Hookup

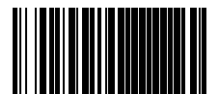


1	Brown	10V dc
2	White	RS485 / D1 / B / +
3	Blue	dc common (GND)
4	Black	RS485 / D0 / A / -

⚠ WARNING . . . Not To Be Used for Personnel Protection

Never use these products for personnel protection. Doing so could lead to serious injury or death.

These devices do NOT include the self-checking redundant circuitry necessary to allow their use in personnel safety applications. A device failure or malfunction can cause either an energized or de-energized output condition. Consult your current Banner Safety Products catalog for safety products that meet OSHA, ANSI, and IEC standards for personnel protection.



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Specifications

Input Power	5V dc from USB port
Current	Less than 400 mA at the PC, single Banner Gateway or Data Radio device (not intended to power multiple Banner devices)
Operating Parameters	-40 to +80° C 0–95% Non-condensing humidity
USB Connector	USB type A plug
USB Standard	2.0
RS-485	2-wire; 9.6k, 19.2k, or 38.4k; 8 data bits 1 stop bit; no parity
RS-485 Connector	Euro-style connector compatible with Banner wireless Gateway and Data Radio devices, 10V dc power output
Banner Compatible Devices	DX80G*, DR9M, DR2M models
Length	1 meter



CAUTION . . .
Make no modifications to this product.

Any modifications to this product not expressly approved by Banner Engineering could void the user's authority to operate the product. Contact the Factory for more information.

The manufacturer does not take responsibility for the violation of any warning listed in this document.

WARRANTY: Banner Engineering Corp. warrants its products to be free from defects for one year. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture found to be defective at the time it is returned to the factory during the warranty period. This warranty does not cover damage or liability for the improper application of Banner products. This warranty is in lieu of any other warranty either expressed or implied.

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