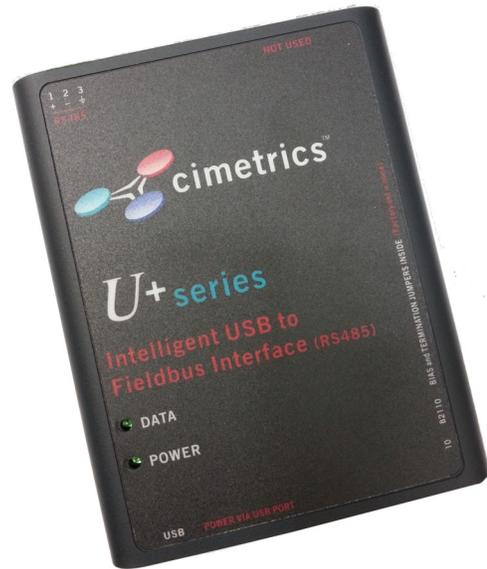




U+ series - B2110 - Intelligent USB to BACnet MS/TP Interface

- **USB to RS485 interface**
- **Both DB9 and screw terminals**
- **Supports all Baud Rates up to 115200 as defined in the BACnet Standard**
- **Data and Power indication**
- **MS/TP option designed designed for Microsoft Windows (32 or 64 bit) (Modbus option is supported only on 32-bit platforms)**
- **USB powered (no external power)**
- **Works with Wireshark, Cimetrics BACnet Explorer v3.0/BAS-o-matic/OPC Server.**



PRODUCT INFORMATION

Its high speed co-processor handles time critical communication and solves Windows real time response issues, making sure that you will never miss an MS/TP packet.

It can also be used to capture and decode Modbus RTU packets with Cimetrics BAS-O-matic if enabled as a Modbus RTU interface.

This unit is a compact solution for customer support and service personnel who need to interface with automation networks in the field or in the lab. A microprocessor inside off-loads any time critical MS/TP communications from the application software within the Windows PC and presents an API similar to traditional network interface cards so that any BACstac-based applications can communicate over MS/TP.

The B2110 can be used as an MS/TP Master or Monitor. Depending on the mode chosen, the U+4 can elect to participate in the MS/TP token passing, or not. In Monitor mode, the U+4 can be used with the BAS-o-matic or Wireshark for capturing packets on the MS/TP network. In Master mode, the U+4 can participate in token passing, allowing a BACstac-based client application running on a PC to communicate with other devices on an MS/TP network.

Internal bias and termination resistors are built in, and may be used if needed. Power is supplied via the USB port and installation of the device is very simple. The hardware is designed to professional electrical standards and is housed in a robust metal housing.

HARDWARE SPECIFICATIONS

Automation Connectors	Sub DB-9
Operating Temperature.....	7 to 40 C
Dimensions.....	105 x 127 x 26 mm (4.0 x 5.0 x 1.0 inches);
Weight.....	0.3 kg

PRODUCT SUPPORT

One year parts, labor, and technical installation support (via telephone or email)

PART NUMBERING

B2110 - Intelligent USB to BACnet MS/TP (works with Wireshark, Cimetrics BAS-o-matic/Explorer/OPC)



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