®

DSX Access Systems, Inc.

DSX-USB Comm Interface

DSX Access Systems, Inc.
(800)346-5288

TX

RX

USB to PC

RS-232 To Master

TX RX DTR GND

RS-485 To Master

TX+ TX- RX+ RX-
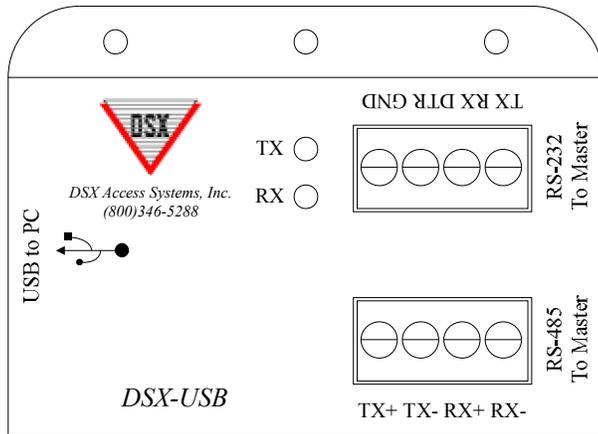
DSX-USB

DSX-USB to DSX 1042 Master
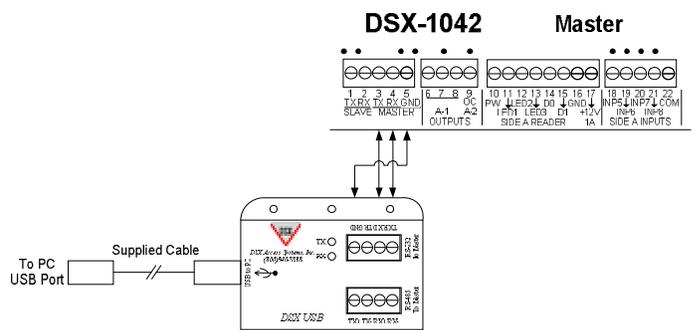
Single Channel USB to RS-232 or RS-485 Converter for Master or Slave communications. This new module can provide the RS-232 required for a 1040 Series Master Controller or Dial-up Modem at the Comm Server. The RS-232 has optional DTR for modem use. The RS-485 output can be used for a 1020 Series Master Controller and all DSX Slave Communications used with IP Gateway.

The module comes complete with a 3' USB Cable so that it can be mounted away from the port it is attached to. It has a mounting flange with three holes so that it can be screwed or wire tied, securing its installation. The field wiring side is connected via a standard DSX removable terminal block.

The DSX-USB can be used in conjunction with a DSX-MCI to perform a short haul providing a 4 wire RS-485 connection that can be used with 2 twisted pair cable up to 4000'.

Use the following drawings for the proper connections to your application. The driver needed for this module can be obtained from the internet, from the WinDSX software CD 3.7.132 and higher and from the DSX FTP site – ftp://ftp.dsxinc.com/new/USB%20Drivers/

DSX-USB to DSX-1022 Master
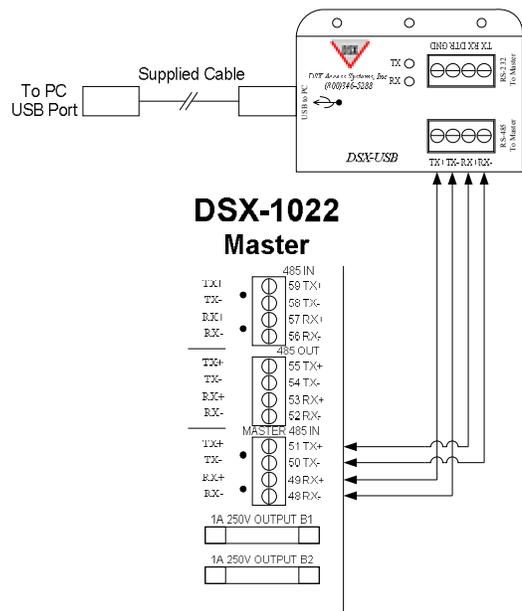
## DSX-USB to DSX-1040 Slave Controllers used with IP Gateway

When IP Gateway is deployed, the DSX-USB can be used to communicate with 1040 Series Slave Controllers via a USB Port on the IP Gateway PC.
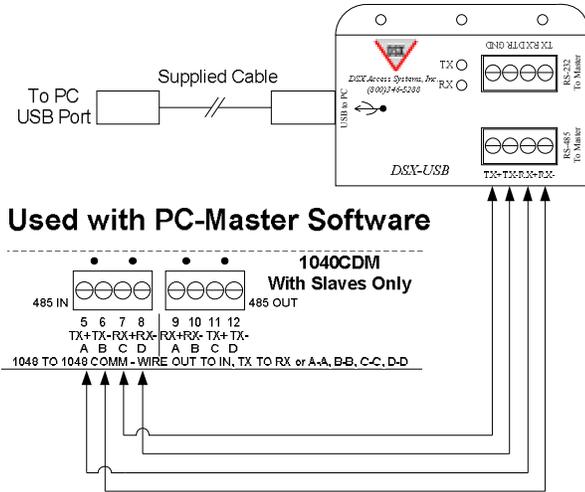

DSX-DialUp Modem via USB Port

When a DSX Dial-up Modem is required for communications at the Comm Server, the DSX-USB can provide a serial connection where only a USB Port is present.
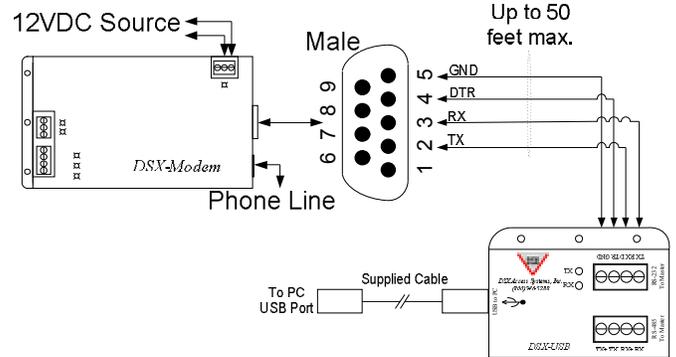
DSX-USB to DSX-1022 Slave Controller used with IP Gateway

When IP Gateway is deployed, the DSX-USB can be used to communicate with 1022 Slave Controllers via a USB Port on the IP Gateway PC.
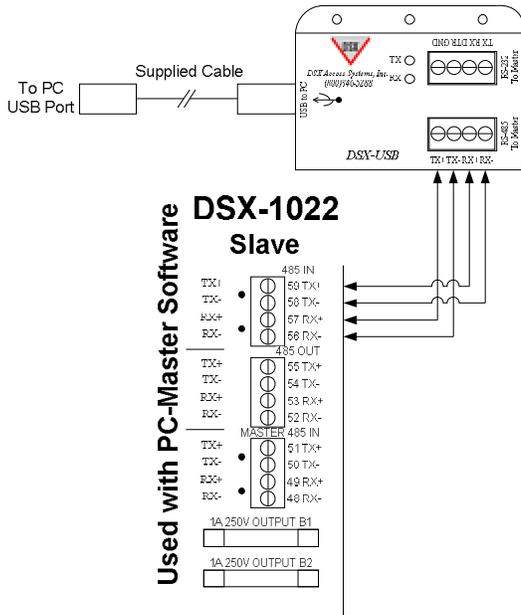
DSX-USB to MCI to DSX-1040 Series

When a DSX-1040 Series Master is more than 100' from the Comm Server a DSX-USB can provide an RS-485 4 wire output that can communicate up to 4000 feet. At the controller end there would be an MCI module which would then convert the RS-485 to RS-232 so it can be connected to a 1040 Series Master Controller.