

RS-485 Protocol Converters



The USB-485 Communication Interface is a protocol converter used to connect a PC's USB port to the RS-485 input on your Tyco Kantech controller KT-1/KT-200/KT-300/KT-400. The USB-485 unit is designed to connect to (and be powered by) the USB port of a host computer. It supplies the data at the required RS-485 communications protocol necessary for door controllers. Up to 32 door controllers can be connected together on an RS-485 multi-drop network. Installed between the host and the door controllers, the USB-485 permits a "daisy chain" configuration, which extends the maximum transmission distance to 1,200 meters.

Features That Make a Difference

- Converts USB to RS-485
- Supports up to 32 Kantech controllers
- Uses unshielded twisted pair (UTP) communication cable
- Supports Windows Server 2008 R2 Standard/Enterprise, Windows Datacenter 2012 (X64), Windows 10 Enterprise, Windows 8.1 Enterprise x86 and x64, Windows 7 Pro Enterprise/Ultimate (32- and 64-bit versions)
- Powered by USB port
- Extends communication up to 1,200 m (4,000 ft)

Ordering Information

Model	Description
USB-485	"Transparent" USB/RS-485 protocol converter from a USB port on the host PC