



# MCS-USB-RS485 Specifications & Description



Part # **MCS-USB-RS485**

## Description

The **MCS-USB-RS485** is a USB to RS485 cable that provides a fast simple way to connect a **MCS-MAGNUM** or **MicroMAG** to a Laptop or PC.

The MCS-USB-RS485 cable contains a small internal electronic circuit board, which converts USB to RS485 with LED indicators for transmit (TX=Red) and receive (RX=Green).

When MCS-USB-RS485 cable is plugged into a laptop or PC, Windows will install a device driver that allows the cable to be used as a standard Window communication port.

A MCS-USB-RS485 Adapter Cable is included for hardwiring to a MCS-BMS-GATEWAY to obtain information from the Gateway.

## Specifications

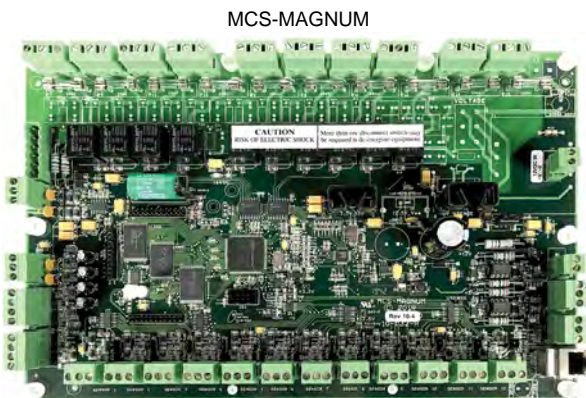
Size.....	15ft (4.5m)
Device Type.....	RS-485
Power Source.....	USB Power
Weight .....	0.1 lbs
USB Version .....	2.0
RS485 Output Power Voltage.....	4.5 volts
Operating Temperature Range.....	-40° to +85°C
Max Bus Power Current .....	250mA
Data Transfer Rate .....	Up to 3Mbaud

## Packaging

Ship Weight .....	0.72 lb (approx)
Box Dimensions.....	9.5" x 4.25" x 3.25" (approx)

**MCS-USB-RS485 Adapter Cable** shown below can be plugged into the MCS-BMS-Gateway and then to the MCS-USB-RS485 cable to obtain information from the MCS-BMS-GATEWAY.

Hardwire black(A -) and white (B +) ends to the MCS-BMS-GATEWAY as shown.



MCS-MAGNUM



Laptop or PC  
USB Port

RS485 Port