



Smart Digital Solutions **USB-16x8**

Flexible and comprehensive professional USB switch and distribution over Cat 6 STP cable



The **USB-16x8** is a USB switch with CAT 6 STP outputs. The unit allows the selection and transmission of up to 16 different computers to up to 8 peripherals e.g. Touch screen, Mouse, Keyboard or memory stick. The peripherals can be located at distances of up to 50m of CAT 6 STP cable for USB V1.1 & V2

Switch and distribute 16 USB V2 host ports to 8 remote peripherals located up to 50m of CAT 6 STP twisted pair cable

The **USB-16x8** offers a cost effective solution of connecting multiple computers to multiple USB peripherals. Up to 16 independent PCs can be selected to up to 8 different peripherals. The peripherals can be located up to 50m from the PCs, connecting via CAT 6 STP cable.

Full speed 12 Mbps connectivity is achievable for both USB V1.1 and V2 devices. Selection of PCs is via a RS422 control port on the front of the unit using standard Smart-e protocol. There is also a control panel option allowing individual user selection.

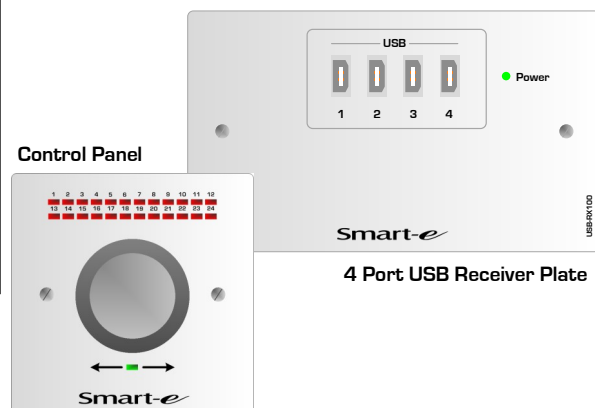
The unit can be populated with 8 way modules allowing flexible configurations to match system requirements

The **USB-16x8** is designed to fit easily into standard 19" racks and is quick and easy to install with minimal configuration.

The USB matrix range from Smart-e is available in multiple switch sizes starting from USB-8x4 and going up to USB-24x8

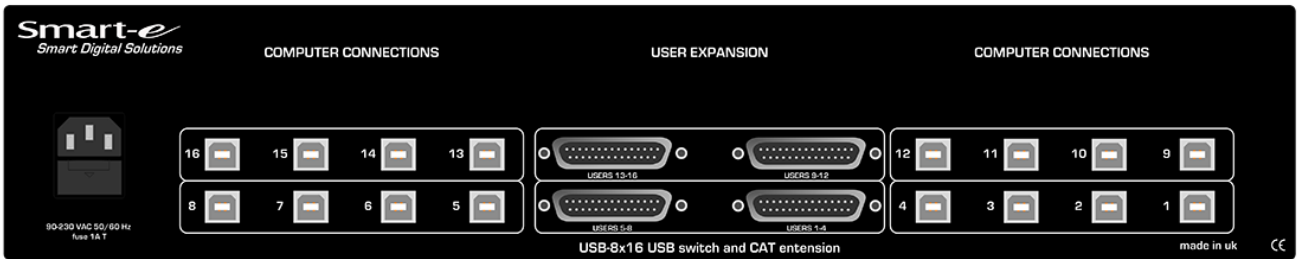
The Smart-e USB-16x8 features

- Uses easy to install, inexpensive CAT 6 STP
- Outputs reach up to 50m
- Supports USB V2.0
- 12Mbps full speed
- Single CAT 6 STP for USB and power
- Break before make switching
- Available as an 16x8 or 16x4
- Supplies remote power to receivers
- Simple RS422 control
- Single and four port receiver options
- High ground loop immunity
- Compact receiver units
- Chassis fits standard 19" racks





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USB

Power

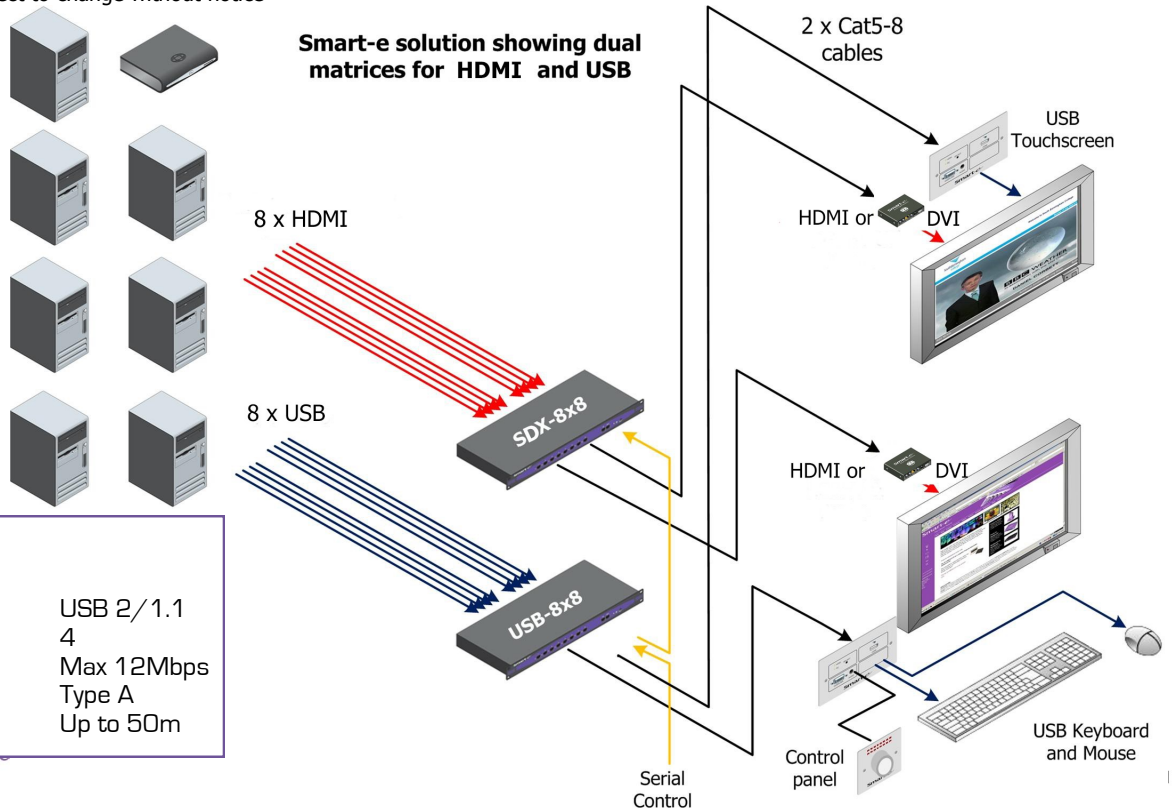
Version	V1.1 & V2	Voltage	90-230V
Maximum speed	Full speed 12Mbps	Connector	IEC
Connector transmitter	Type B	Max current	1A A/S
Connector receiver	Type A	Frequency	50/60Hz

Dimensions

Cable Type

Height	2U (89mm)	Interconnecting cable	Cat 6 STP (screened cable)
Width	19"	Connector	RJ45
Depth	300mm	Control speed	9600baud
Weight	5Kg	Control signal	RS422

Specifications are subject to change without notice



RECEIVER

USB-RX100

Format	USB 2/1.1
Ports	4
Speed	Max 12Mbps
Connector	Type A
Range	Up to 50m