Smart Digital Solutions **USB-24x8**

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

www.smart-e.co.uk

The **USB-24x8** is a USB switch with CAT 6 STP outputs. The unit allows the selection and transmission of up to 24 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 CAT 6 cable for USB V2 & V1.1

Switch and distribute 24 USB V2 host ports to 8 remote peripherals located up to 50m of CAT 6 twisted pair cable

The **USB-24x8** offers a cost effective solution of connecting multiple computers to multiple USB peripherals. Up to 24 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 cable.

High 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-24x8** is designed to fit easily into standard 19" racks and is quick and easy to install with minimal configuration.
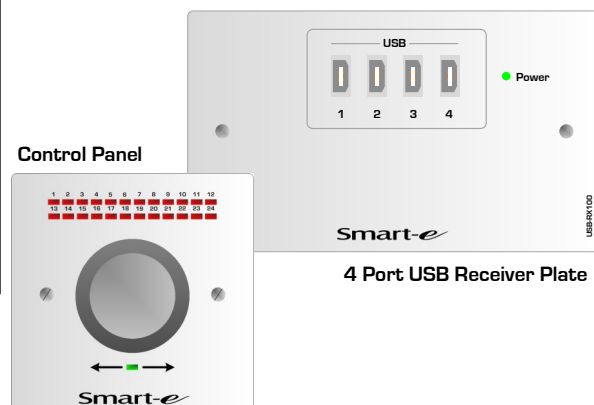
> The USB matrix range from Smart-e is available in multiple switch sizes starting from USB-8x4 and going up to USB-24x8
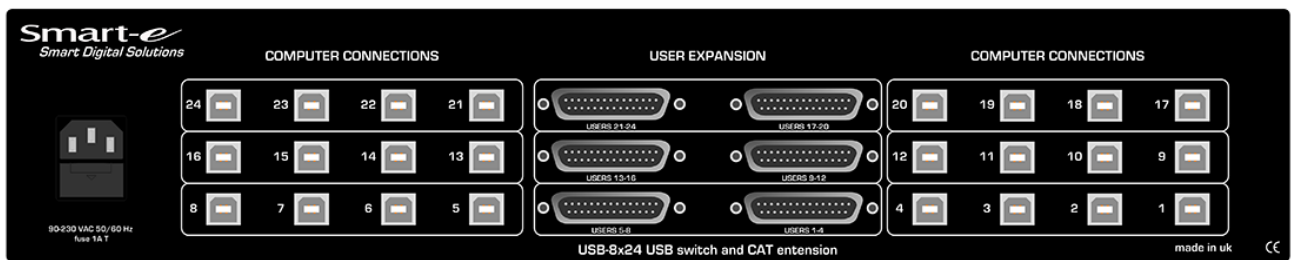
The Smart-e USB-24x8 features

- 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 24x8 or 24x4
- 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

Control Panel

4 Port USB Receiver Plate

Professional audio & video distribution equipment

Smart-e

UXB-8x24 USB switch & extension

usB
www.smart-e.co.uk

Users — 1 2 3 4 5 6 7 8

Comms Link — IN OUT Comms Pwr Address

Smart-e
Smart Digital Solutions

COMPUTER CONNECTIONS 24 23 22 21 / 16 15 14 13 / 8 7 6 5

USER EXPANSION USERS 21-24 USERS 17-20 / USERS 13-16 USERS 9-12 / USERS 5-8 USERS 1-4

COMPUTER CONNECTIONS 20 19 18 17 / 12 11 10 9 / 4 3 2 1

90-230 VAC 50/60 Hz fuse 1A T

USB-8x24 USB switch and CAT extension

made in uk CE

USB

Version	V1.1 & V2
Maximum speed	High speed 36Mbps
Connector transmitter	Type B
Connector receiver	Type A

Power

Voltage	90-230V
Connector	IEC
Max current	1A A/S
Frequency	50/60Hz

Dimensions

Height	2U (89mm)
Width	19"
Depth	300mm
Weight	6Kg

Cable type

Interconnecting cable	Cat 6 STP (screened cable)
Connector	RJ45
Control speed	9600baud
Control type	Multi-drop

Specifications are subject to change without notice

Smart-e solution showing dual matrices for HDMI and USB

2 x Cat5-8 cables

USB Touchscreen

8 x HDMI

HDMI or DVI

8 x USB

SDX-8x8

USB-8x8

HDMI or DVI
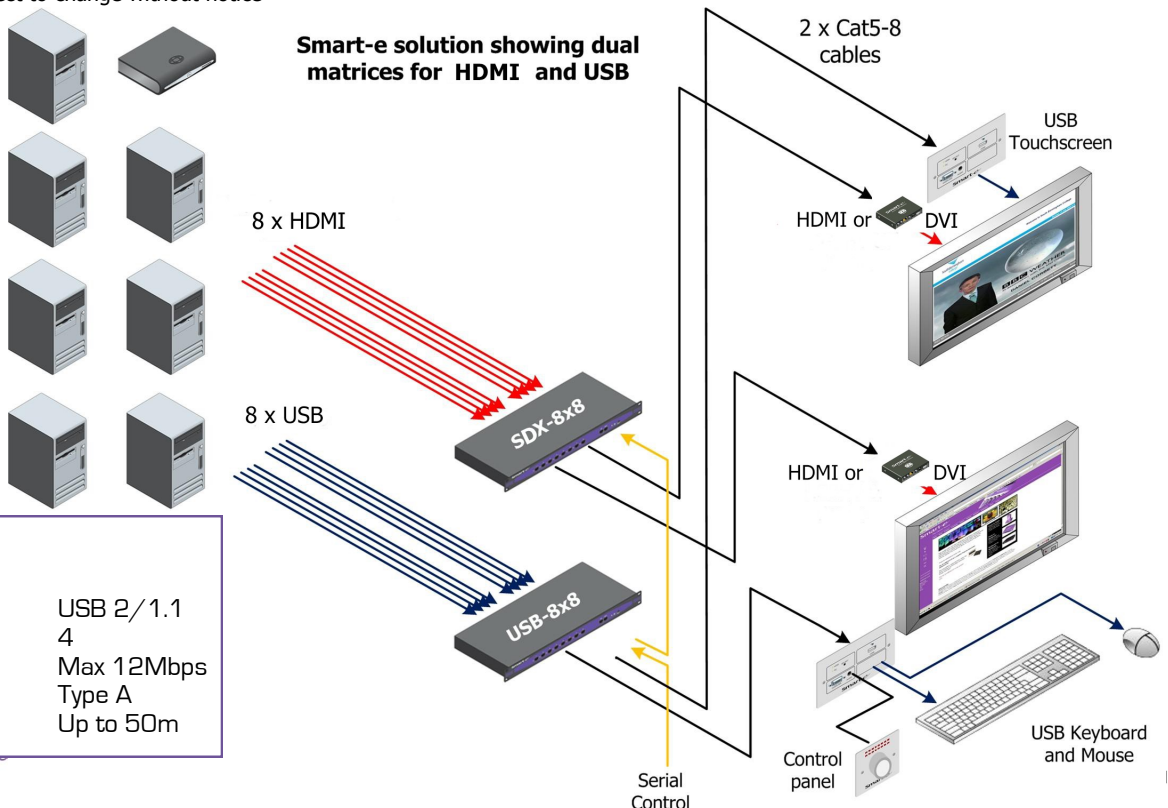
RECEIVER
USB-RX100
Format	USB 2/1.1
Ports	4
Speed	Max 12Mbps
Connector	Type A
Range	Up to 50m

USB Keyboard and Mouse

Control panel

Serial Control

Smart-e