TECHNICAL SPECIFICATIONS

VIDEO

Format	DVI Dual Link; DVI Single-Link; VGA
Maximum Pixel Clock	165 MHz
Input Interface	(4) DVI-D 29-pin (female)
Output Interface	(4) DVI-D 29-pin (female)
Resolution	2560 x 1600 @ 60Hz
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.

USB

Signal Type	USB 2.0, 1.1, and 1.0 w/ internal hub
Input Interface	(4) USB Type B
Output Interface	(8) USB 1.1 Type A for KVM Devices; (8) USB 2.0 Type A Transparent

AUDIO

Input	(8) Connector Stereo 3.5mm Female
Output	(1) Connector Stereo 3.5mm Female

POWER

Power Requirements	12V DC, 2A power adapter with center-pin positive polarity

ENVIRONMENT

Operating Temp	32° to 104° F (0° to 40° C)
Storage Temp	-4° to 140° F (-20° to 60° C)
Humidity	0-80% RH, non-condensing

CONTROL

Front Panel	Push Buttons with LED indicators
RS-232	Via Serial @ 9600 bps
Hot Keys	Via Keyboard

OTHER

Emulation	Keyboard, Mouse and Video

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
SDVN-44-X-S	1	4-port, 4 User DVI-D Matrix KVM Switch
PS12VD2A	1	12V DC, 2A power adapter with center-pin positive polarity.
	1	Quick Start Guide

DIREKTRONIK
Dataprodukter utöver det vanliga

Matrix KVM Switch
Best.nr: 20103409

ADVANCED 4-PORT, 4 USERS SINGLE-HEAD DVI-D MATRIX KVM SWITCH WITH AUDIO

Quick Start Guide

EDID LEARN

The KVM is designed to learn the EDID of the monitor connected to Console 1 upon power up. In the event of connecting a new monitor to the KVM, a power re-cycle is required.

SYSTEM CONTROL

There are three ways to control the SM-DVN-44X: Keyboard HotKeys, RS-232 Serial Commands, and Front Panel Buttons.
The settings for the serial connection are as follows: Baud rate: **9600**; Data Bits: **8**; Parity: **None**; Stop Bits: **1**; Flow Control: **None**.

The following commands can be used:

Command	HotKey	RS-232
Switch Control	`[CT][CT]c[#]`	`//c[u][#]`
Switch View	`[CT][CT]v[#]`	`//v[u][#]`
Audio Only	`[CT][CT]a[#]`	`//a[u][#]`
Learn EDID	`[CT][CT]e <CR>`	`//e <CR>`
SW Reset	`[CT][CT]r`	`//r <CR>`
Status Query	`N/A`	`//?? <CR>`
Current HK Trigger	`[Alt][Alt][Alt]` `k 0 <CR>`	`//hk <CR>`
Update HK Trigger	`[HK][HK] k` `[1|2|3] <CR>`	`N/A`

Note—All HotKey and RS-232 commands end with <CR>

Chart Key

`[CT]` = Ctrl
`[u]` = User Console to update [1-4]
`<CR>` = Carriage Return (Enter Key)
`[HK]` = Current Hot Key Trigger

FRONT PANEL
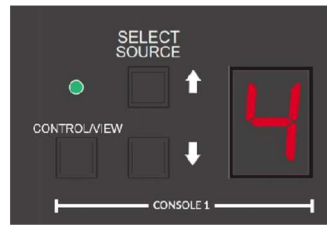
- **Contol/View** - Toggle between Control and View mode
- **UP**- Increment channel, loop back to 1 after 4
- **DOWN** - Decrement channel, loop back to 4 after 1
- Press and hold the **Control/View button**, then press the **DOWN button** - disables the display and KM control for that user.

HARDWARE INSTALLATION

1. Ensure that power is turned off or disconnected from the unit and the computers.
2. Use DVI cables to connect the DVI output ports from each computer to the corresponding DVI-D IN ports of the unit.
3. Use a USB cable (Type-A to Type-B) to connect a USB port on each computer to the respective USB ports of the unit.
4. Optionally connect a stereo audio cable (3.5mm to 3.5mm) to connect the audio output of the computers to the AUDIO IN ports of the unit.
5. Connect monitors to the DVI-D OUT console ports of the unit using DVI cables.
6. Connect a USB keyboard and mouse in the two USB console ports.
7. Optionally connect stereo speakers to the AUDIO OUT port of the unit.
8. Finally, power on the Matrix by connecting a 12VDC power supply to the power connector, and then turn on all the computers.

- DVI IN
- DVI OUT
- USB IN
- USB K/M OUT
- USB 2.0 OUT
- AUDIO IN
- AUDIO OUT