HOTKEYS AT A GLANCE

Typed on the keyboard connected to the EKS. Finish each one within 6 seconds.

TO DO THIS	PRESS
Open the Selection Menu	Scroll Lock › Scroll Lock › Scroll Lock
Go to channel N	Scroll Lock › Scroll Lock › N › Enter
Next active channel	Right Ctrl › Right Ctrl
Previous active channel	Left Ctrl › Left Ctrl
Brightness and contrast	Scroll Lock › Scroll Lock › C › Enter

Scroll Lock is the factory hotkey. It can be changed to Caps Lock or Num Lock in Setup. The Ctrl shortcuts work when no menu is on the screen.

AT THE LOGIN SCREEN

Keyboard layout	Ctrl + F1 then 33, 08 or 09, and Esc
Factory defaults	Ctrl + Shift + F10 › Enter

IN THE SELECTION MENU

Enter	Switch to the highlighted computer
F1	Setup: scan, ID display, hotkey, buzzer, audio
F1 *then* F5	User Configuration: names and passwords
F2	Scan through the computers
F3	Rename the highlighted port
F4	Log out
F5	Firmware version
S	Borderless mouse switching on or off

The administrator sets which ports each user may reach: User Configuration, highlight the user, F1.

TROUBLESHOOTING

NO POWER

- Seat the AC power cord at both ends. The power switch on the back must be ON and lit.

NO PICTURE ON THE CONSOLE

- Check the DVI cable between the EKS and the monitor.
- The selected computer must be powered on and awake.

A PORT LIGHT STAYS OFF

- The computer is off, or the adapter is not plugged into both its video output and a USB port.
- Check the CATx cable. It must be no longer than 150 ft.

KEYBOARD, MOUSE OR HOTKEYS DO NOT WORK

- Keyboard and mouse belong in the USB ports on the back of the EKS.
- Try the adapter's USB plug in another USB port on the computer.
- Finish a hotkey within 6 seconds. The hotkey may have been changed in Setup.

TYPED CHARACTERS ARE WRONG AT LOGIN

- Set the keyboard layout: Ctrl + F1, then 33, 08 or 09, then Esc.

WEB PAGE WILL NOT OPEN (PRO MODELS)

- Check the cable in REMOTE LAN and that your computer is on the same network.

Smart-AVI
SMART AUDIO VIDEO INNOVATION

Technical support

info@smartavi.com
(888) 994-7427 • (702) 800-0005
www.smartavi.com

2917 E Alexander Rd.
North Las Vegas, NV 89030

The full user manual is at www.smartavi.com.

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EKS

ENTERPRISE CAT5 KVM SWITCH WITH DIGITAL VIDEO



QUICK START GUIDE

EKS-1602 • EKS-1602-PRO
EKS-3202 • EKS-3202-PRO

IN THE BOX

- EKS unit
- AC power cord
- User manual

YOU ALSO NEED

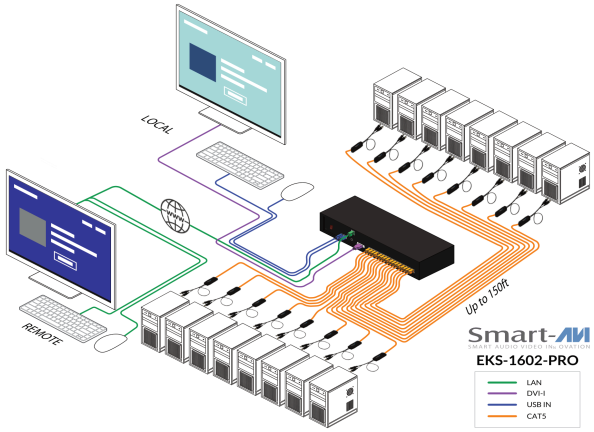
- One computer adapter per computer (sold separately)
- One CATx cable per computer, up to 150 ft
- DVI monitor, USB keyboard and USB mouse

Designed and Manufactured in the USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION

Rev. 2 • November 2026

1 CONNECT

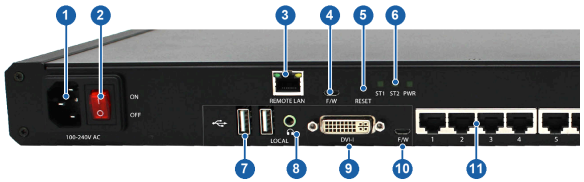


1. **Each computer:** plug an adapter into the computer's video output and a USB port. Run a CATx cable, **150 ft at most**, from the adapter to a numbered port on the back of the EKS. The port number is that computer's channel number.
2. **Console:** on the back of the EKS, plug the monitor into **DVI-I** and the keyboard and mouse into the **USB** ports beside it.
3. **PRO models:** run a network cable from **REMOTE LAN** to your network switch.
4. **Power:** plug in the AC power cord and switch the unit ON. Turn on the computers.

COMPUTER ADAPTERS

COMPUTER HAS	ADAPTER
HDMI	**EKS-HD100** (sold separately)
DisplayPort	**EKS-DP100** (sold separately)
VGA	**EKS-VG100** (sold separately)

ON THE BACK (EKS-1602-PRO SHOWN)



1 power **2** power switch **3** REMOTE LAN **5** reset **7** keyboard and mouse **8** audio **9** monitor **11** computer ports **4, 10** firmware upgrade

2 LOG IN

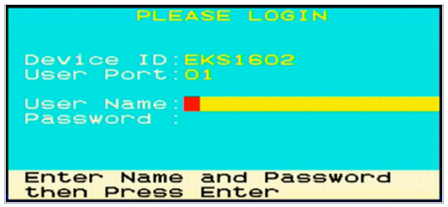
The login screen appears on the console monitor when the unit is switched on.

FIRST, SET YOUR KEYBOARD LAYOUT

At the login screen press Ctrl + F1, type the number of your layout, then press Esc.

33	English (US)	**08**	French	**09**	German

THEN LOG IN



User name	**admin**
Password	**pass**

Type the user name and press Enter, then the password and Enter. The Selection Menu opens.

CHANGE THE ADMINISTRATOR PASSWORD

1. In the Selection Menu press F1, then F5.
2. Highlight **admin** and press Enter.
3. Type the new password (up to 8 characters) and press Enter. Type it again and press Enter.

> **Write the new password down** and keep it somewhere safe.

NAME YOUR COMPUTERS

1. In the Selection Menu, highlight a port and press F3.
2. Type a name and press Enter.

The unit also has 15 user accounts, user001 to user015. The administrator renames them and sets their passwords in User Configuration.

3 SWITCH COMPUTERS

FROM THE SELECTION MENU



Highlight a computer with the arrow keys and press Enter. To bring the menu back at any time:

Scroll Lock › Scroll Lock › Scroll Lock

STRAIGHT TO A CHANNEL

Hotkey twice, the channel number, then Enter. For channel 3:

Scroll Lock › Scroll Lock › 3 › Enter

NEXT OR PREVIOUS COMPUTER

Next	Right Ctrl › Right Ctrl
Previous	Left Ctrl › Left Ctrl

SCAN AND LOG OUT

In the Selection Menu, F2 shows each computer in turn and F4 logs you out.

FRONT PANEL LIGHTS

White	Computer connected and powered on
Green	The computer selected now

REMOTE ACCESS (PRO MODELS)

1. Use a computer on the same network as the EKS.
2. In a web browser go to **192.168.0.100** or **https://ipdsk.local**
3. Log in, then pick a computer from **Channels**.