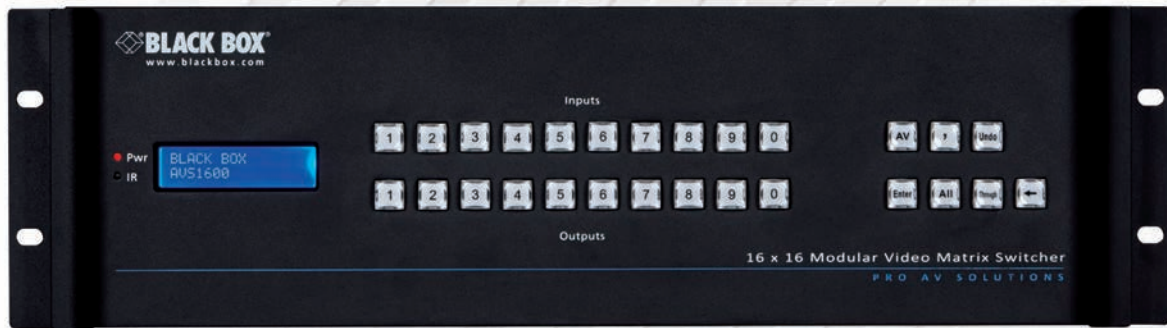


# MODULAR VIDEO MATRIX SWITCHER



Manage and distribute digital and analog audio, video,  
and control signals from one configurable switch.



# BLACK BOX

# MODULAR VIDEO

# MATRIX SWITCHER

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The Modular Video Matrix Switcher serves any combination of legacy AV equipment and new digital systems, and provides true crosspoint switching. Ideal for any application requiring customizable, high-speed AV signal routing.



### MODULAR DESIGN

Configurable chassis for any combination of input/output cards, including HDMI, RJ-45, DVI, and VGA.



### SCALING & CROSS CONVERSION

Any type of input signal can be routed to any type of output signal. Video and be up- or down-scaled for compatibility in reduced switching time.



### BUILT-IN EXTENSION

RJ-45 extension cards using HDBaseT technology make it easy to connect to remote sources or displays up to 230 ft. (70 m).



### FUTUREPROOF

Switch up to 4K UHD resolutions.



### RE-CONFIGURABLE & UPDATEABLE

Input/output cards can be installed, removed, or replaced in the field with minimal effort.



### FLEXIBLE CONTROL OPTIONS

Front-panel and IR remote control, plus IR, RS-232, Web interface, and TCP/IP control compatible with major control systems.



### ULTRA-FAST CROSSPOINT SWITCHING

Seamless switching from any input to any output in milliseconds.



### NETWORK MANAGEMENT

Using the Web interface, enable presets, check status, and troubleshoot.

## BLACK BOX TECHNICAL EXPERTS

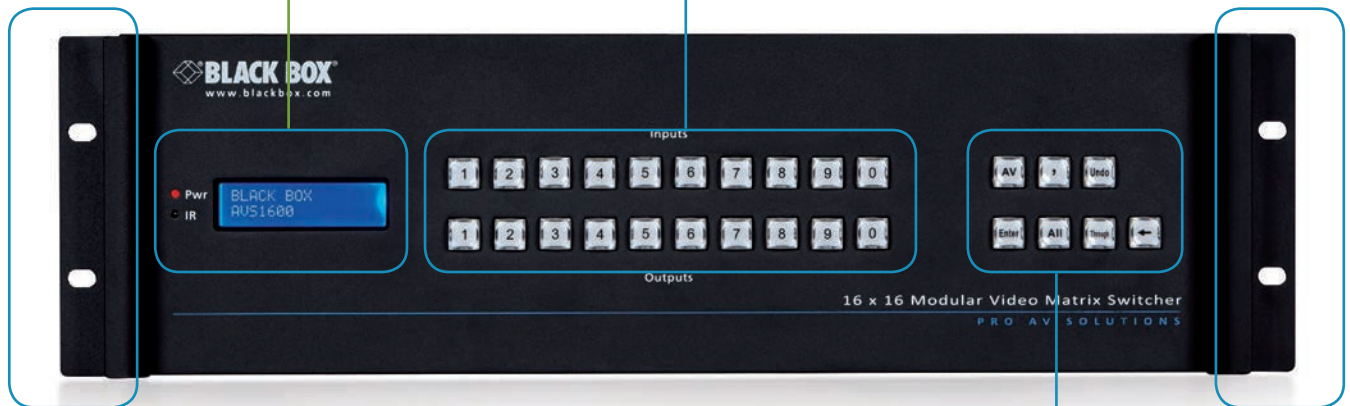
available 24/7 at 1-877-877-2269 (BBOX) to answer questions.



# FEATURES AT A GLANCE

Displays real-time  
operation status

Illuminated buttons  
for switching



Easy rack installation



Menu buttons  
for individual audio  
and video switching

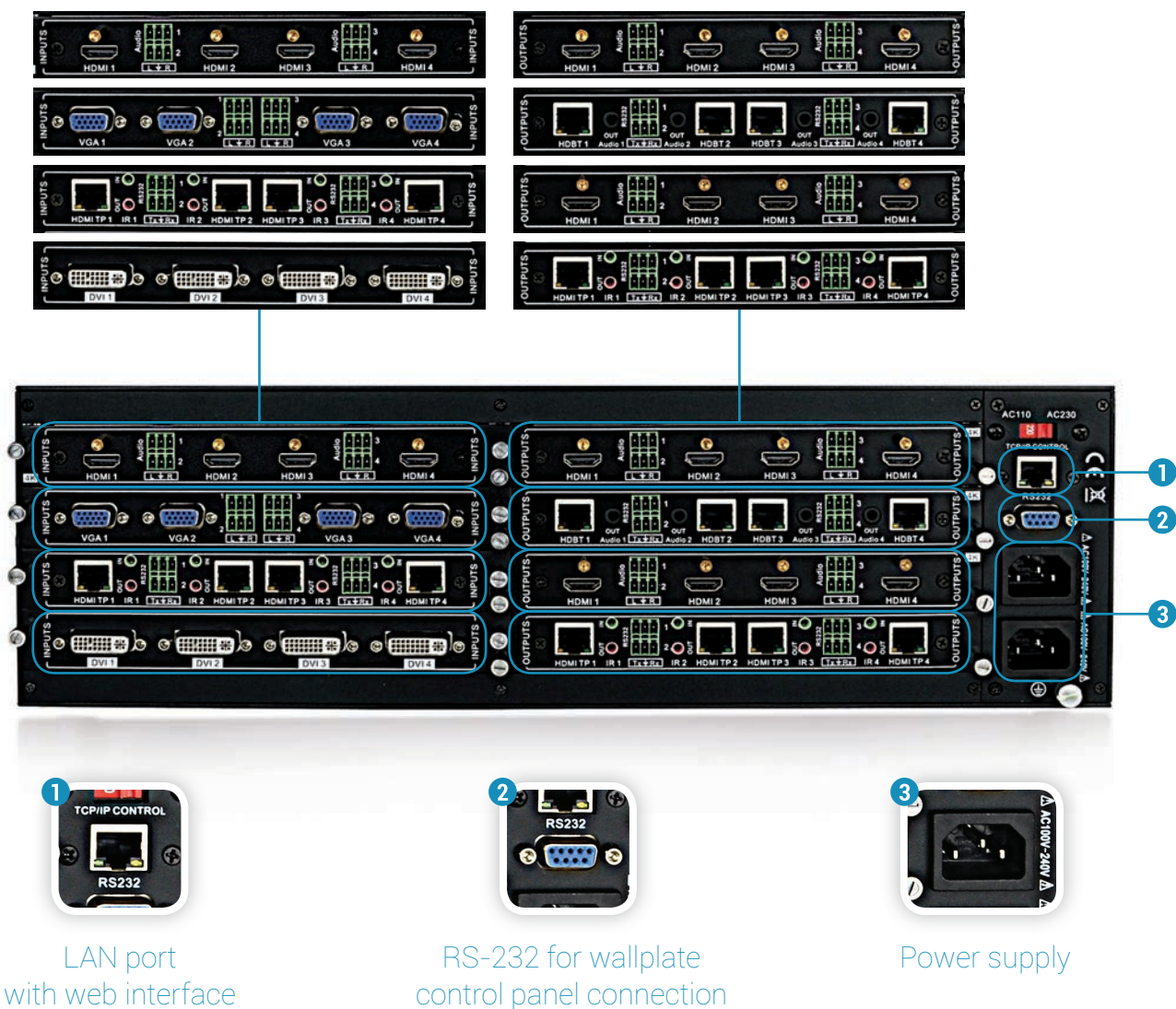


3U Rack



Removable input cards

Removable output cards



## #AVS800

### 8 x 8 MODULAR

- Fits in a 2U rack
- Additional analog audio I/O card
- Holds two (2) input cards & two (2) output cards

## #AVS1600

### 16 X 16 MODULAR

- Fits in a 3U rack
- Holds four (4) input cards & four (4) output cards

# 4 EASY STEPS TO BUILD YOUR MODULAR VIDEO MATRIX SWITCHER

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## SELECT A CHASSIS

The foundation of the system consists of the 8 x 8 or 16 x 16 frame—a configurable AV distribution hub.



### 8 x 8 MODULAR

#AVS800



### 16 x 16 MODULAR

#AVS1600

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## CHOOSE INPUT CARDS

The 8 x 8 switcher holds any two (2) input cards, and the 16 x 16 switcher holds any four (4) input cards.



### HDMI #AVS-4I-HDM



### DVI-D #AVS-4I-DVI



### DVI-I Universal #AVS-4I-UNI



### RJ-45 #AVS-4I-HDB



### VGA #AVS-4I-VGA

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## CHOOSE OUTPUT CARDS

The 8 x 8 switcher holds any two (2) output cards, and the 16 x 16 switcher holds any four (4) output cards.



**HDMI** #AVS-40-HDM



**DVI-D** #AVS-40-DVI



**RJ-45** #AVS-40-HDB



**VGA** #AVS-40-VGA

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## ADD ON EXTENDERS

Use with the RJ-45 input card for extension up to 230 ft. (70 m) over a single CATx cable.



**4K HDMI Receiver** #AVS-HDB-RX



**4K HDMI Transmitter** #AVS-HDB-TX

## + YOU MAY ALSO NEED:



**Presentation Switcher with Scaling**

#AVSC-5DA1-HDB



**Wallplate Control Panel**

#AVS-CTRL8



**4K HDMI Wallplate Transmitter**

#AVS-HDB-WPTX



**VGA to Component Adapter Cable**

#AVS-CBL-VG-CM



**VGA to Composite and S-Video Adapter**

#AVS-CBL-VG-CV



**DVI to Component and Composite Adapter**

#AVS-CBL-DV-CM

# WHY BLACK BOX?

## ► TRUSTED SINCE 1976

A \$1 billion organization with more than 175,000 clients in every major industry sector, Black Box is a worldwide, leading technology solutions provider.

## ► FREE TECHNICAL SUPPORT

We're committed to your complete satisfaction. With Black Box, you get more than a product. You get a dedicated support team, available 24/7.

## ► FREE APPLICATION ENGINEERING

Let our seasoned AV professionals build the modular video matrix switcher for your organization and its needs.

**ORDERS**

**QUESTIONS**

**SUPPORT**

1-877-877-2269 (BBOX) | [BlackBox.com/ModularMatrix](http://BlackBox.com/ModularMatrix)

