



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

SUPPORTS STANDARD HDMI CONNECTORS
(HDMI cables shown are sold separately)

COMMAND COMMUNICATIONS®

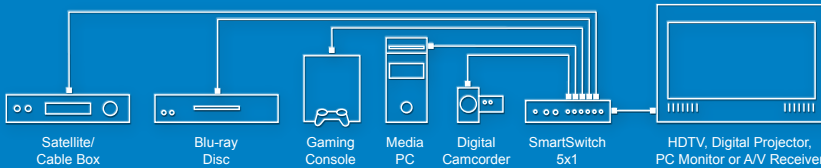
AV SERIES 1

SMARTSWITCH

AUTOMATICALLY ROUTES HDMI™ DEVICES TO YOUR HDTV!

Connect up to **5** HDMI Devices

TO YOUR HDTV, DIGITAL PROJECTOR,
PC MONITOR OR A/V RECEIVER



In today's High-Definition world, HDMI is the undisputed leader in quality connectivity. As your collection of HDMI-capable components grows, you'll want to connect all of them to your HDMI-capable screen. However, many HDTVs and projectors only have one HDMI input.

Now you can quickly and easily add more HDMI inputs to your HDTV with Smartswitch. These easy-to-install boxes automatically route HDMI devices to your HDTV. They're the ideal solution for home entertainment systems with digital HD cable boxes, Blu-ray Disc players™, gaming consoles, media PCs, digital camcorders and more.

Get the maximum quality from your HDMI components with Smartswitch from Command Communications.



Sold by:



COMMAND COMMUNICATIONS®
www.commandcommunications.com



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AV SERIES 1

SMARTSWITCH 5X1

HDMSW-501R-PRO



Connect up to **5** HDMI Devices

SMARTSWITCH 3X1

HDMSW-301R-PRO



Connect up to **3** HDMI Devices

SOURCE DEVICE

- Blu-ray Disc™
- HD DVD™
- A/V Receiver
- Satellite/Cable Box
- Media PC
- Gaming Console
- Camcorder
- Digital Camera

DIGITAL DISPLAY

- HDTV, LCD, DLP & Plasma
- Digital Projector
- PC Monitor

FEATURES

- Standard HDMI Connectors
- Detects and switches signals in priority order as defined by the user
- Automatically skips inputs which are not in use
- HDMI (V1.3 with deep color, 36bit)
- Supports HDMI digital audio: LPCM, Dolby AC3, DTS 7.1, DSD
- HDCP protocol compliant
- Signaling rates up to 10.2 Gbps, supporting UXGA and 1080p
- 8dB receiver equalization to compensate for 5m HDMI cable losses
- 3dB driver pre-emphasis to compensate for PCB losses
- Supports CEC (Consumer Electronics Control) Channel
- Infrared Remote Control (included)

SPECIFICATIONS

Operating Temperature Range	-5 to +35° C (-41 to +95° F)
Operating Humidity Range	5 to 90% (no condensation)
Data Transfer Speed	10.2 Gbps
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Working Current	200mA
Power Adapter	Input: 100-240VAC (50-60 HZ), Output: 5 VDC @ 1.4 Amperes
Supported Resolutions	1080p, 1080i, 720p, 576i, 576p, 480p, 480i
Supported Video Color Format	Deep Color 36bit
Supported Audio Format	LPCM, Dolby AC3, DTS 7.1, DSD
HDMI Connectors	Standard, Type A
HDCP Version	HDCP 1.1.0/1.2

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Interface are trademarks or registered trademarks of HDMI
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are the property of their respective owners.

Specifications subject to change without notice.

Command Communications Limited One-Year Warranty

We warrant this product to be free from defects in materials and
workmanship for one year from purchase date.



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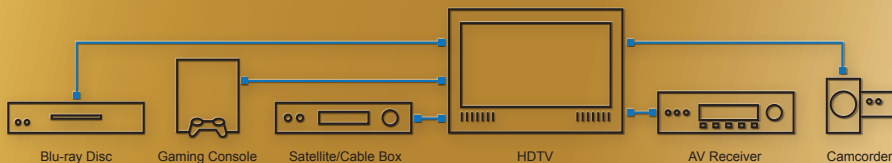
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AV SERIES 1

HIGH-SPEED HDMI™ CABLE

Digital Video & Digital Audio In One Cable

FOR CONNECTING DIGITAL VIDEO & DIGITAL AUDIO COMPONENTS



HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI™)

HDMI delivers high-definition video and multichannel, digital audio through a single cable. It's the ideal solution for connecting your HDTV to other home entertainment components like your digital HD cable box, Blu-ray Disc™, AV receiver and gaming console.

UNRIVALED CLARITY

Command Communications AV Series 1 high-speed HDMI certified cables combine cutting-edge technology with high-quality materials to deliver the purest signal. Optimize the performance of your HDTV and home entertainment system with **Command Communications AV Series 1** high-speed HDMI cables.

COMMAND COMMUNICATIONS®
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SOURCE DEVICE

- Blu-ray Disc™
- HD DVD™
- AV Receiver
- Satellite/Cable Box
- Media PC
- Gaming Console
- Camcorder
- Digital Camera

DIGITAL DISPLAY

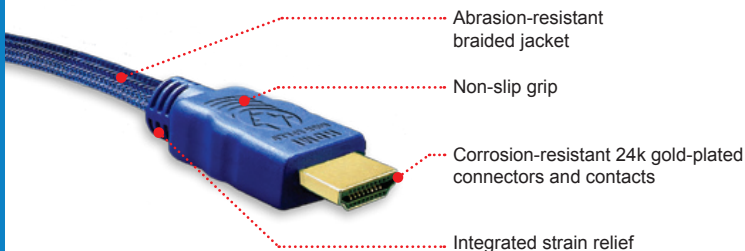
- HDTV, LCD, DLP & Plasma
- Digital Projector
- PC Monitor

LIMITED LIFETIME WARRANTY

(SEE BACK FOR DETAILS)

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AV SERIES 1



Command Communications Limited Lifetime Warranty
We warrant this product to be free from defects in materials and workmanship for the life of this product.

FEATURES

- Lengths: 1m, 2m, 4m (3.25 ft., 6.5 ft., 13 ft.)
- Quality: HDMI Official Licensed HDMI Cables, passed official HDMI testing
- HDMI supports standard, enhanced, or high-definition video, plus multi-channel digital
- Transmits all HD standards and supports all digital audio formats
- Extra bandwidth to accommodate future enhancements
- High frequency response for wide bandwidth and efficient signal transfer
- Aluminum-foil wrapped around each twisted pair
- Fully backward, compatible with DVI
- Connectors: HDMI 19 Pin Male to HDMI 19 Pin Male, Gold Plated

SPECIFICATIONS

Operating Temperature Range	-20 to +50° C (-4 to +122° F)
Operating Humidity Range	5 to 90% (no condensation)
Data Transfer Speed	Up to 10.2 Gbps
HDMI Category	High Speed, Category 2
Connectors	Male, HDMI Type A (Standard Size)
Insulation Resistance	10 Mohms (minimum)
Hi-Potential	DC300V, 10ms
HDMI Authorized Test Center Verified	Yes
Continuity	100% Open and Short Tested
Wire Gauge	30AWG (1m and 2m) 28AWG (4m)



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CABLE FACTS

There are only two types of HDMI cables in the HDMI specification:

Standard Speed

Supports up to 720p/1080i

(not rated to support 1080p)

High Speed

Supports all resolutions including 1080p and beyond