

UHDS-404VW

4K@60hz 4x4 HDMI™
Matrix w/ Video Wall (Seamless)



The **UHDS-404VW** is a professional 4x4 HDMI matrix switch and video wall controller, offering seamless switching and flexible configurations. Supporting resolutions up to 4K@60Hz 4:4:4, it is fully compliant with HDMI 2.0b and HDCP 2.2/1.4 standards for high-quality visuals. It provides advanced processing features including seamless switching, scaling, and multiple video wall modes such as 2x2, 4x1, and 1x4 layouts. With EDID management, web-based setup, and control via panel, IR, RS-232, or TCP/IP, it's ideal for command centers, signage, or home theaters.

DIMENSIONS & WEIGHT:

Length: 270mm / 5.94in **Width:** 166mm / 4.37in
Height: 30mm / 1.04in **Weight:** 1.16kg / 2.56lbs

PACKAGE CONTENTS: 1x UHDS-404VW, 1x Power Adapter, 1x 3Pin-3.81mm Phoenix Connector, 1x IR Receiver Cable, 1x IR Remote, 2x Mounting Ears, 4x Screws, User Manual

KEY FEATURES:

- HDMI 2.0b and HDCP 2.2/1.4 Compliant – Compatible with the latest video and content protection standards.
- Dual Operation Modes – Functions as a 4x4 seamless matrix switcher or a video wall controller (2x2, 4x1, 1x4 configurations).
- Seamless Switching – Enables smooth transitions between inputs with zero black screen or latency.
- Wide Format Support – Accepts resolutions from VGA to 4096x2160@60Hz (4:4:4), including 1920x1200@60Hz and 480i-4K content.
- Advanced Scaling – HDMI outputs can independently upscale or downscale to match any display resolution up to 4K@60Hz.
- Audio Format Pass-through – Supports LPCM, Dolby Digital (DD), Dolby Digital Plus (DD+), DTS, Dolby TrueHD, and DTS-HD Master Audio.
- EDID Management – Fine-tune display communication to ensure optimal performance with connected devices.
- Web Interface Control – Configure and manage the matrix via an intuitive browser-based interface.
- Multiple Control Options – Operate using front panel buttons, IR remote, RS-232 commands, or TCP/IP network control.
- Third-Party Integration – Includes drivers for major control systems to streamline integration with home and commercial automation platforms.

SPECIFICATIONS

CONNECTIVITY:	
INPUT:	4 × HDMI [Type A, 19-pin female]
OUTPUT:	4 × HDMI [Type A, 19-pin female]
CONTROL:	1 x LAN [RJ45, 8-pin, female]
	1 × RS-232 [3 Pin- 3.81mm Phoenix connector]
	1 × IR EXT [3.5mm Stereo Mini-jack]
COMPLIANCES:	
HDMI Compliance	: HDMI 2.0b
HDCP Compliance	: HDCP 2.2
SUPPORTED HDMI CABLES:	
HDMI 2.0	: We recommend using high quality HDMI 2.0 cables under 30 feet for optimum performance

EXTENDING DISTANCE:

4K@60Hz	: 25 Feet
1080p@60Hz	: 30 Feet

VIDEO OUTPUT:

Video Bandwidth	: 18Gbps
Video Resolutions	: Up to 4K@60Hz

ADDITIONAL FEATURES

CEC Function	: No
ARC Function	: No
USB KVM Function	: No
PoC/PoE Function	: No
IR Control	: Yes
Downmix Function	: No
Downscale Function	: No
Over IP Function	: No
HDBaseT Function	: No
RS-232 Function	: Yes

LOOP-OUT/LOCAL PORT:

Has loop out port	: No
Number of Loop out ports	: 0

AUDIO SUPPORT:

HDMI Audio Formats	: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
--------------------	---

POWER:

Power Consumption	: 19.56W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 12V/2.5A



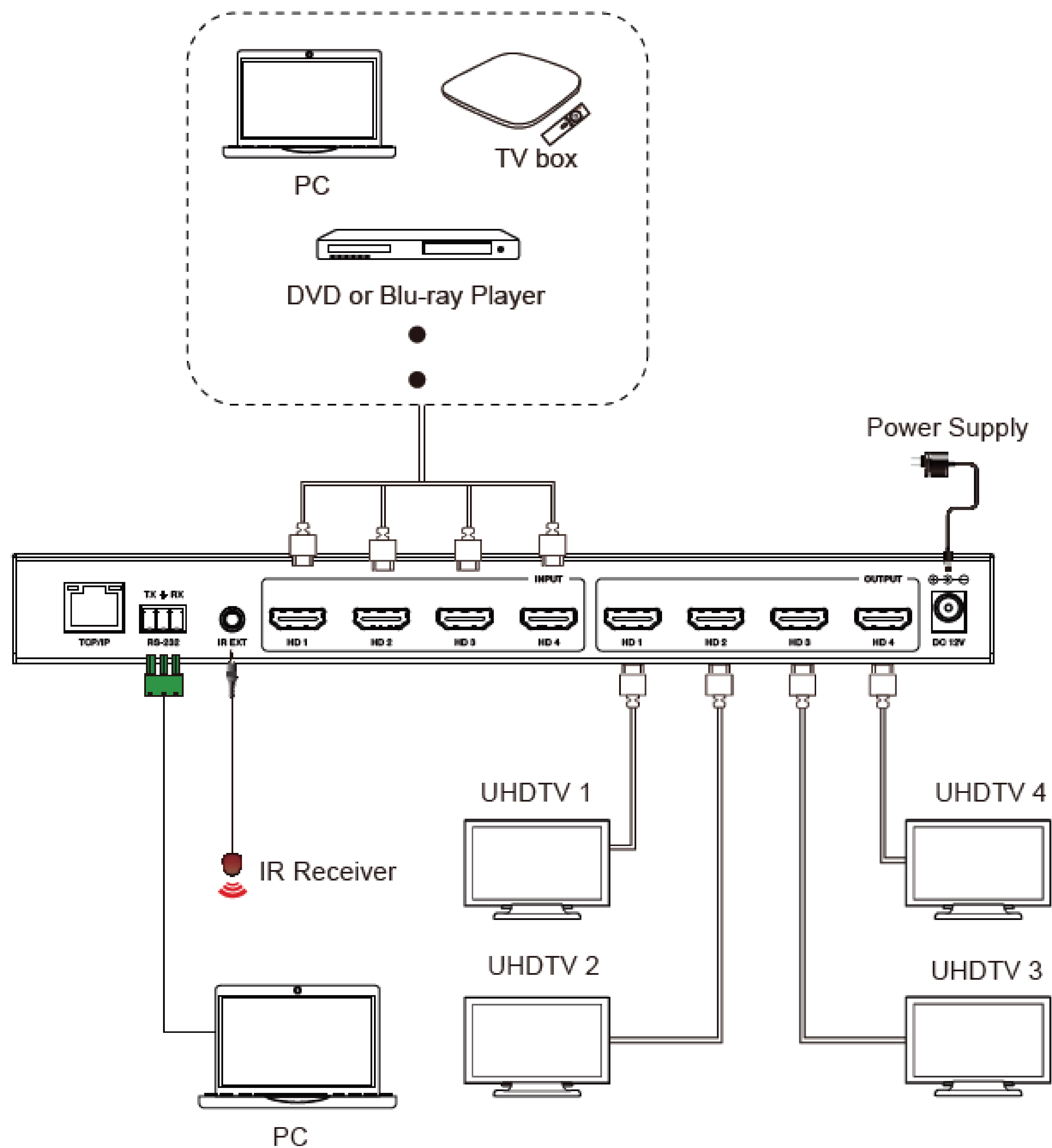
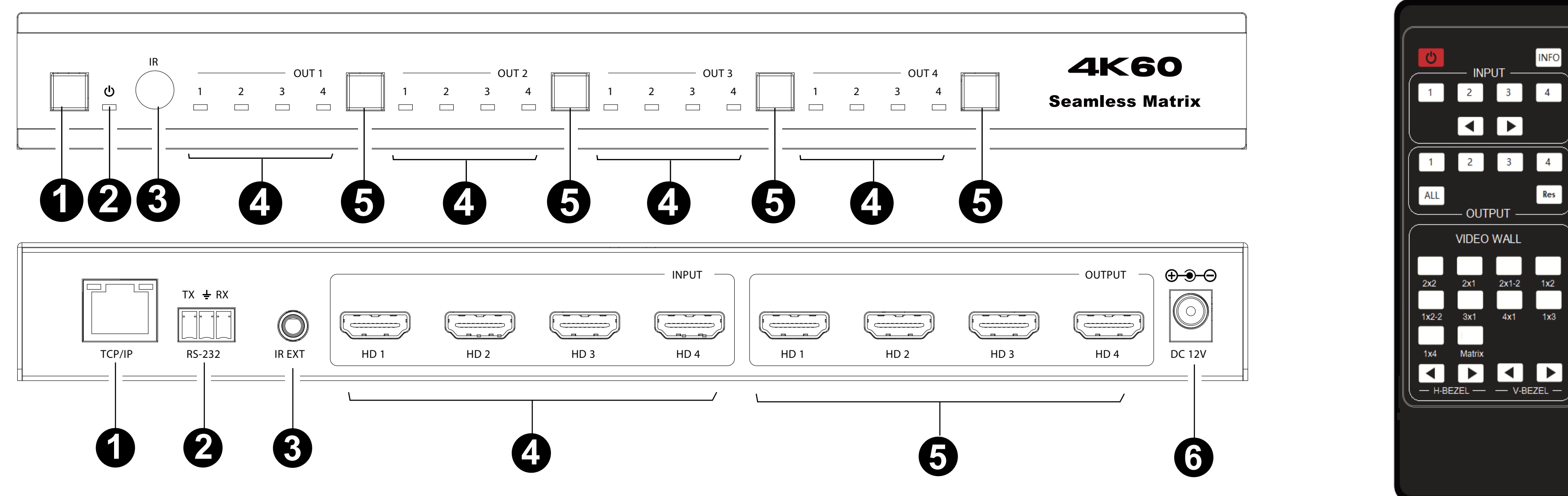
OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY



CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY