



# 4K@60hz 4:4:4 HDMI HDCP 2.2 SDVOE AV Over IP Video Wall Processor with Lossless Image Quality and No Delay

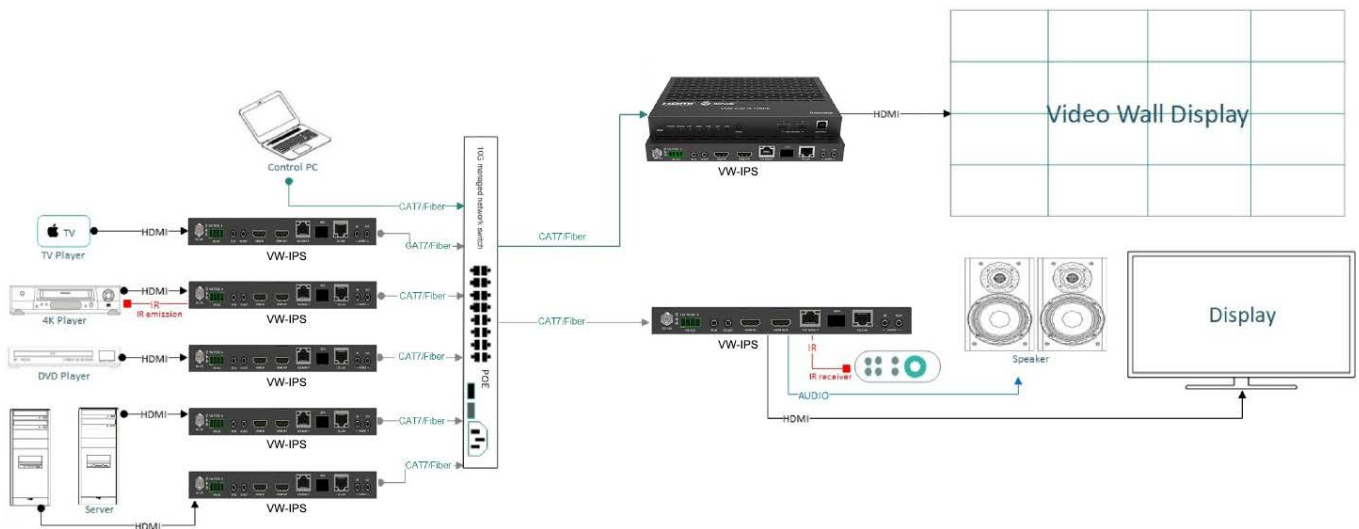
Model: VW-IPS-4K



## INTRODUCTION

VW-IPS is an SDVoE-Compliant, All-In-One AV over IP solution that provides highest-quality, uncompressed 4K and zero-frame latency audio/video extension over a standard 10G Copper or Fiber Network Switch with instant switching, Video Wall and MultiView functions. It can transfer advanced HDMI content such as HDR (high dynamic range), full color-depth and multichannel HD Bitstream audio.

## DIAGRAM





## SPECIFICATIONS

Parameters	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Input Format	10GBaseT
Network Video Bandwidth	10G
Video Resolution	Up to 4K@60Hz 4:4:4
Color Space	RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0
Color Depth	Full Color-Depth
HDR	HDR, HDR 10, HDR10+, Dolby Vision, HLG
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD, DTS:X
Analog Audio Formats	Left and Right stereo analog audio
Transmission Distance	100M (CAT6A/7) / 90M(CAT6)
ESD Protection	Human body model — ±8kV (Air-gap discharge) &±4kV (Contact discharge)
Connection	
Input ports	<ul style="list-style-type: none"> <li>1 x HDMI IN [Type A, 19-pin female]</li> <li>1 x USB 2.0 HOST [Type B, 4-pin female]</li> <li>1x IR IN [3.5mm Jack]</li> <li>1x AUDIO IN [3.5mm Jack]</li> <li>1 x RS-232 [4-pin phoenix connector]</li> </ul>
Output ports	<ul style="list-style-type: none"> <li>1 x HDMI OUT [Type A, 19-pin female]</li> <li>1x AUDIO OUT [3.5mm Jack]</li> <li>1 x IR OUT [3.5mm Jack]</li> <li>2 x USB 2.0 DEVICE [Type-A, 4pin female]</li> </ul>
Network ports	<ul style="list-style-type: none"> <li>1 x 10G BASE-T [RJ45 jack]</li> <li>1 x 10G SFP+ [Fiber slot] 1 x 1G LAN [RJ45 jack]</li> </ul>
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	204mm [W] x 134mm [D] x 21.5mm [H]
Weight	693g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 12V/2.5A (US/EU standards, CE/FCC/UL certified)
Power Consumption	≈13.5W
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no-condensing)