

IDK's MSD-Series products solve a variety of ProAV market demand.

DIGITAL MULTI SWITCHER



Video

Audio

Control

Series / Model

Series / Model		Resolution			HDCP		SDVoE		HDBaseT			Analog	Bitmap	Automatic Switching	PinP	Seamless switching	Connection reset	Anti-Snow	Signal			Power Amp	DSP	Lip Sync	WEB GUI	Control IN	Control OUT		LAN Pass Through
		4K@60 (4:4:4)	4K@30	1080p	2.2	1.4	Input	Output	Input	Output	PoH	Input							Un-balanced	Balanced	Dante					LAN RS-232C	Contact Closure	LAN RS-232C	
MSD-V6 Series	MSD-V6UF SDVoE Output Fiber model	✓	✓	✓	✓	✓	Optional	✓	Optional	N/A	In: Optional Out: N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	Optional	N/A	N/A	✓	✓	✓	✓	✓	✓
	MSD-V6UC SDVoE Output CAT model	✓	✓	✓	✓	✓	Optional	✓	Optional	N/A	In: Optional Out: N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	Optional	N/A	N/A	✓	✓	✓	✓	✓	✓
	MSD-V6UT HDBaseT Output model	✓※	✓	✓	✓	✓	Optional	N/A	Optional	✓	In: Optional Out: N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	Optional	N/A	N/A	✓	✓	✓	✓	✓	✓
MSD-V4 Series	MSD-V4U Standard model	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	N/A
	MSD-V4UC SDVoE Output CAT model	✓	✓	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓
	MSD-V4UT HDBaseT Output model	✓※	✓	✓	✓	✓	N/A	N/A	N/A	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓
MSD-S5 Series		N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	✓	N/A	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓
MSD-S7 Series		N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	✓	N/A	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓
MSD-701AMP		N/A	N/A	✓	N/A	✓	N/A	N/A	✓	✓	In: ✓ Out:N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓	✓	✓	✓	✓	✓	✓
MSD-62 Series		N/A	✓	✓	N/A	✓	N/A	N/A	✓	✓	In: ✓ Out:N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	In: N/A Out:Optional	N/A	N/A	✓	✓	✓	✓	✓	✓
MSD-402		N/A	N/A	✓	N/A	✓	N/A	N/A	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	In: N/A Out: ✓	In: N/A Out: ✓	N/A	N/A	N/A	N/A	✓	✓	N/A	N/A	✓

※ HDBaseT output: Up to 4K@60 (4:2:0)

HDCP

A digital copy protection form developed by Intel. IDK's 4K@60 (4:4:4) products support HDCP 2.2 and HDCP 1.4 while up to 4K@30 products support HDCP 1.4.

SDVoE

Software Defined Video over Ethernet. An AV over IP platform for 4K video distribution and control.

HDBaseT

A connectivity standard defined by the HDBaseT Alliance. This signal extension technology is for transporting HDMI audio, video, Ethernet, DC power, and control signals via twisted pair cable.

Bitmap

BITMAP images can be registered to a switcher. Display mode, size, position, transparent display, background color can be customized.

Automatic Switching

Automatically switches video when video input is detected. It increases usability for conference systems.

PinP

Picture-in-picture, displays multiple video signals simultaneously on a single screen.

Seamless switching

Provides a smooth video switching. Users do not see any distortion.

The MSD series displays a black frame between switching.

Connection reset

Fixes unexpected HDCP authentication errors that otherwise must be recovered by physically disconnecting and reconnecting the digital cables between the MSD's output and sink devices.

Anti-Snow

Automatically fixes snow that is a specific symptom of HDCP-compliant signals and mainly occurs at start-up.

Dante

An audio over IP standard defined by Audinate. It delivers uncompressed, low latency, high resolution, multi-channel digital audio distribution over IP networks.

Power Amp / DSP

Products with Power amplifier or Digital Signal Processor provide audio processing, such as feedback suppressor, equalizer, and power amplifier.

Lip Sync

Matches lip movements in a picture (video) with voice (audio).

WEB GUI

All configuration and setup are accessible via web browser.

Control IN

Controls switchers from a control processor either by LAN or RS-232C.

Control OUT

Controls external devices over LAN, RS-232C, or contact closure.

LAN Pass Through

Shows status of connected devices via LAN (SDVoE, HDBaseT) .