

4KDS-1 Scaler

79063 Data Sheet

TEKVOX's 79063 4KDS-1 is an advanced scaler capable of both upscaling and downscaling to 1080p. This unique device allows 4Kx2K content to be shown on a 4K-capable display, while providing a 1080p signal to other displays. Unlike other downscalers that maintain the vertical 24/25/30Hz rate of the original content, the TEK 4KDS-1 scaler will reformat to 1080P/60Hz. Because of its ability to upscale as well as downscale, the 4KDS-1 can also be used as a standard 1080p scaler.

With both upscaling and downscaling to 1080p, all with reformatting frame rate for maximum compatibility, the 4KDS-1 is a powerful and versatile video signal scaling solution.

Features:

- Downscaling from 4Kx2K to 1080p, & upscaling from lower resolutions to 1080p@60/50Hz
- 4K Bypass Output for driving a 4K display while providing downscaled output to others
- Audio extraction for both SPDIF & L/R Outputs
- Advanced automatic EDID management
- Shipped fully functional, pre-programmed, and rigorously tested



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79063 Technical Specifications

Inputs	1 HDMI Input (19-pin, Female)
Outputs	1 HDMI Bypass (19-pin, Female) 1 HDMI Scaled (19-pin, Female) 1 Stereo Audio, Unbalanced (3.5mm mini jack) 1 SPDIF Audio (RCA, Female)
Control Ports	EDID (4 Pin DIP switch)
Bandwidth	2.97Gbps per color
Power Supply	Input: 100 ~ 240V AC Output: DC 5V, 2A
Temperature	32 ~ 104°F (0 ~ 40°C)
Product Dimensions	5.9" (150mm) x 2.8" (71mm) x 0.9" (23mm)
Product Weight	0.66 lbs. (300g)

Specifications are subject to change without notice

EDID Settings	
Position	Functions
0000	Copy EDID from Output (EDID passthrough)
0001	HDMI 1080p@60Hz, Audio 2CH PCM
0010	HDMI 1080p@60Hz, Audio 5.1CH PCM/DTS/Dolby
0011	HDMI 1080p@60Hz, Audio 7.1CH PCM/DTS/Dolby/HD
0100	HDMI 1080i@60Hz, Audio 2CH PCM
0101	HDMI 1080i@60Hz, Audio 5.1CH PCM/DTS/Dolby
0110	HDMI 1080i@60Hz, Audio 7.1CH PCM/DTS/Dolby/HD
0111	HDMI 1080p@60Hz/3D, Audio 2CH PCM
1000	HDMI 1080p@60Hz/3D, Audio 5.1CH PCM/DTS/Dolby
1001	HDMI 1080p@60Hz/3D, Audio 7.1CH PCM/DTS/Dolby/HD
1010	HDMI 4Kx2K, Audio 2CH PCM
1011	HDMI 4Kx2K, Audio 5.1CH PCM/DTS/Dolby
1100	HDMI 4Kx2K, Audio 7.1CH PCM/DTS/Dolby/HD
1101	DVI 1280x1024@60Hz, Audio None
1110	DVI 1920x1080@60Hz, Audio None
1111	DVI 1920x1200@60Hz, Audio None