

# DMS DC2 PRO Digital Cinema Scaler



The DMS DC2 PRO Digital Cinema Scaler offers true broadcast-grade image processing quality optimized for DCP Digital Cinema Projectors. High-end scaling and de-interlacing, outstanding per-pixel motion adaptive noise reduction and image enhancement guarantees that alternative content can be projected with immaculate picture quality.

A large variety of inputs allows the connection of different professional and consumer HD and SD content sources such as DVD, satellite and cable receivers, Betacam, Digibeta, PC and media servers, BluRay™ and most other sources.

## Top Features

- » High performance image scaler
- » Optimized for DCP Digital Cinema Projectors
- » Post production grade image processing
- » Integrated audio switcher / converter with audio delay function
- » True 24p output mode available (depends on input signal)
- » Inputs: HDMI (with HDCP support), DVI-D (with HDCP support), HD-SDI / SDI, Composite video, S-Video, Component video, VGA
- » Audio inputs: SPDIF (coaxial), TosLink, analog stereo
- » Outputs: DVI-D (with HDCP support), VGA, SPDIF (coaxial), TosLink, analog stereo
- » Front panel control buttons with LCD display
- » Preset buttons
- » PC control software
- » Genlock, Video I/O lock and I/O track
- » Supports most common SD, HD and VESA graphics formats
- » Multi-standard support for PAL, NTSC and SECAM
- » Signal paths: 10-bit ADCs for composite, S-Video, 12-bit ADCs for component video, 10-bit HDMI, 8-bit DVI support, 10-bit HD/SD-SDI
- » High-end de-interlacing reduces image flicker and artefacts
- » Per-pixel motion adaptive noise reduction and image enhancement
- » Zoom, pan and tilt function
- » Extreme keystone correction
- » Low-latency mode for video games
- » Further features: PIP, frame rate conversion, color adjustment, gamma selection, aspect ratio conversion, etc.
- » 19" 2RU rack case with back side connectors

DIGITAL CINEMA  
FILM TECHNOLOGY  
STUDIO TECHNOLOGY  
CUSTOMIZED SOLUTIONS  
360° DISPLAY SYSTEMS

## Product Data

<b>Inputs</b>	<ul style="list-style-type: none"> <li>» 1 x HDMI 1.3 with audio (HDCP support)</li> <li>» 1 x DVI-D (HDCP support)</li> <li>» 1 x HD-SDI (SD-SDI compatible)</li> <li>» 2 x Composite Video via BNC (NTSC/PAL/SECAM)</li> <li>» 2 x S-Video via MiniDIN (NTSC/PAL/SECAM)</li> <li>» 2 x Component video YPbPr/YPbPrS/RGB/RGBS HD/SD via BNCs</li> <li>» 1 x VGA via 15HDD</li> <li>» 2 x SPDIF coaxial digital audio via RCA</li> <li>» 2 x Toslink fiber-optic audio</li> <li>» 4 x Stereo analog audio pair via 2 RCAs</li> </ul>	
<b>Component Video Inputs</b>	Signal formats 484i (480i) and 576i (SD), 480p, 576p (ED), 720p, 1080i at 50, 59.94 and 60Hz and 1080p at 24, 25, 29.97 and 30Hz	
<b>HD-SDI Input</b>	SMPTE 292M and SMPTE 259M-C compliant, accepts 484i, 576i, 720, 1080i and 1080p single link formats at 270Mb or 1.485Gb rates	
<b>Computer (SVGA) Inputs – VESA Formats</b>	<ul style="list-style-type: none"> <li>» DOS 720 x 400 70Hz</li> <li>» VGA 640 x 480 60Hz to 75Hz inclusive</li> <li>» VGA 800 x 600 56Hz to 75Hz inclusive</li> <li>» XGA 1024 x 768 60Hz to 75Hz inclusive</li> <li>» WXGA 1280 x 768 60Hz</li> <li>» SXGA 1280 x 1024 60Hz</li> <li>» 1080p 1920x1080p 60Hz</li> </ul>	
<b>HDMI &amp; DVI Inputs</b>	<b>Signal formats video:</b> 484i and 576i (SD) in double-rate formats (1440 pixels per line), 480p, 576p (ED), 720p, 1080i at 50, 59.94 & 60Hz, 1080p at 24, 25, 30, 50, 59.94 & 60Hz, 2K (2048x1080p) at 50, 59.94 & 60Hz	<b>Signal formats computer:</b> <ul style="list-style-type: none"> <li>» DOS, 720 x 400, 70Hz</li> <li>» VGA, 640 x 480 60Hz to 75Hz inclusive</li> <li>» VGA, 800 x 600, 56Hz to 75Hz inclusive</li> <li>» XGA, 1024 x 768, 60Hz to 75Hz inclusive</li> <li>» WXGA, 1280 x 768, 60Hz</li> <li>» WXGA, 1366x768, 60Hz</li> <li>» SXGA, 1280 x 1024, 60Hz</li> <li>» UXGA, 1600x1200, 60Hz</li> <li>» WUXGA, 1920x1200, 60Hz</li> </ul>
<b>Outputs</b>	<ul style="list-style-type: none"> <li>» 1 x DVI-D, 10-bit HDMI 1.3 capable</li> <li>» 1 x VGA via 15HDD</li> <li>» 1 x SPDIF coaxial digital audio via RCA</li> <li>» 1 x Toslink fiber-optic audio</li> <li>» 1 x Stereo analog audio pair via 2 RCAs</li> </ul>	
<b>Output Formats</b>	2K (2048 x 1080), optimized for alternative content for DCP Digital Cinema Projectors	
<b>Genlock</b>	Genlock to house sync, component input, HDMI/DVI, VGA or HDSDI (NB DVI cannot be used for genlock if HDMI is displayed and vice-versa)	
<b>Control / Ports</b>	Front panel controls with character LCD display PC control software included, ports on rear panel	
<b>Remote Control</b>	TCP/IP & RS232	
<b>Power Requirements</b>	100-240VAC 50/60Hz, 60W	



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