

# DMS DC1 PLUS Digital Cinema Scaler



The DMS DC1 PLUS Digital Cinema Scaler is specifically optimized for use with D-Cinema Projectors. The DMS DC1 PLUS is quick and easy to operate and configure via its LCD display.

The highly flexible image scaler noticeably improves the detail and clarity of alternative content from professional and semi-professional sources, including 3G-SDI, providing a stunning image quality that offers a thrilling Digital Cinema experience.

## Top Features

- » Front panel display for easy operation and configuration
- » Output mode is 1920 x 1080 p optimized for preparing alternative content input of D-Cinema Projectors
- » Inputs: HDMI (with HDCP support), DVI, VGA Analog, Component YPbPr, RGB/RGBS, Composite, S-Video & 3G-SDI inputs with signal compatibility up to 1080 p & WUXGA
- » Motion adaptive per pixel video de-interlacing
- » Superior de-interlacing reduces image flicker and artefacts
- » Automatic 3:2 & 2:2 pull-down detection with automatic film, video and video over film detection
- » PIP (Picture in Picture), POP (Picture on Picture), PAP (Picture alongside Picture)
- » Keypad for direct input selection, control of common adjustments and OSD, web interface
- » OSD - On Screen Display can be deactivated
- » Flexible color calibration controls
- » 10-bit signal inputs, 12-bit accurate internal processing
- » TCP/IP remote control and web interface
- » Selectable frame rate conversion
- » Selectable I/O lock mode or frame rate conversion
- » Selectable aspect ratio conversion
- » Supports most common HD, SD and VESA graphics formats
- » Multi-standard support for CVBS and YC in PAL, NTSC and SECAM
- » 19" 1RU rack case with back side connectors

## Product Data

<b>Inputs</b>	<ul style="list-style-type: none"> <li>» 2 x Composite Video CVBS (NTSC, PAL &amp; SECAM), 1 x via BNC jack and 1 x via Cinch/RCA</li> <li>» 1 x YC/S-Video via 4 pin mini DIN</li> <li>» 1 x Component analog video YPbPr(S) or RGSB/RGBS via 3 or 4 x BNC jack</li> <li>» 1 x HDMI1.3 with HDCP 8/10/12 bit video compatible, 10-bit internal processing depth. Audio strip-off of SPDIF compatible formats.</li> <li>» 1 x DVI with HDCP</li> <li>» 1 x VGA Analog via 15HDD</li> <li>» 1 x 3G-SDI, accepts SD, HD SDI and 3G signals via BNC; supports 4:2:2 and 4:4:4</li> </ul>
<b>Outputs</b>	<ul style="list-style-type: none"> <li>» 1 x DVI/HDMI with HDCP; HDMI with 8/10/12 bit deep color via DVI connector</li> <li>» 1 x VGA Analog via 15HDD</li> <li>» 1 x S/PDIF digital audio via RCA</li> <li>» NB: VGA Analog output is disabled with HDCP-encrypted input</li> </ul>
<b>Supported Output Formats</b>	1920 x 1080 optimized for alternative content input of DCP D-Cinema Projectors
<b>Front Controls</b>	<ul style="list-style-type: none"> <li>» LCD display and jog wheel</li> <li>» OSD</li> <li>» Direct input selection keys</li> </ul>
<b>Remote Control</b>	TCP/IP based web server or TCP/IP & RS232
<b>Power Requirement</b>	100-264 VAC, 35 W typical
<b>Supported Video Formats</b>	<ul style="list-style-type: none"> <li>» HD 720p, 1080i, 1080psf (psf digital only), 1080p23.97/24/25, 1080p30, 1080p50, 1080p59.94, 1080p60</li> <li>» ED 480p, 576p (not via SDI)</li> <li>» SD 625i (576i), 525i (480i)</li> <li>» Common VESA graphics formats from 640 x 480 to 1920 x 1200 (with reduced blanking for 1920 x 1200 and 1600 x 1200 modes)</li> </ul>



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