

DMS DC1 Digital Cinema Scaler



The DMS DC1 Digital Cinema Scaler is specifically optimized for use with DCP Digital Cinema Projectors.

The highly flexible image scaler noticeably improves the detail and clarity of alternative content from consumer and professional AV sources, providing a stunning image quality that offers a thrilling Digital Cinema experience.

Top Features

- » Optimized for DCP Digital Cinema Projectors
- » Inputs: HDMI (with HDCP support), DVI, VGA Analog, Component YPbPr, RGB/RGBS, Composite, S-Video & HD-SDI inputs with signal compatibility up to 1080p & WUXGA
- » Output mode is 1920x1080p optimized for alternative content input of DCP Digital Cinema Projectors
- » 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
- » Flexible color calibration controls
- » 10-bit signal inputs, 12-bit accurate internal processing
- » TCP/IP remote control and web interface
- » 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 und SECAM
- » 19" 1RU rack case with back side connectors

Product Data

Inputs	<ul style="list-style-type: none"> » 2 x Composite Video CVBS (NTSC, PAL & SECAM), 1 x via BNC jack and 1x via Cinch/RCA » 1 x YC/S-Video via 4 pin mini DIN » 1 x Component analog video YPbPr(S) or RGSB/RGBS via 3 or 4 x BNC jack » 1 x HDMI1.3 with HDCP, 8/10/12 bit video compatible, 10-bit internal processing depth. Audio strip-off of SPDIF compatible formats. » 1 x DVI with HDCP » 1 x VGA Analog via 15HDD » 1 x HD-SDI, accepts SD and HD SDI signals via BNC
Outputs	<ul style="list-style-type: none"> » 1 x DVI/HDMI with HDCP » 1 x VGA Analog via 15HDD » 1 x S/PDIF digital audio via RCA » NB: VGA Analog output is disabled with HDCP-encrypted input
Supported Output Formats	1920x1080 optimized for alternative content input of DCP Digital Cinema Projectors
Front Controls	OSD based with direct input select keys
Remote Control	TCP/IP based webserver or TCP/IP & RS232
Processing	IDT-HQV on ReonVX video processor
Motion Adaptive Noise Reduction	SD only
Power Requirement	100-264VAC, 30W typical
Supported Video Formats	<ul style="list-style-type: none"> » HD 720p, 1080i, 1080psf (psf digital only), 1080p23.97/24/25/30, 1080p30, 1080p50, 1080p59.94, 1080p60 » ED 480p, 576p (not via SDI) » SD 625i (576i), 525i (480i) » Common VESA graphics formats from 640x480 to 1920x1200 (with reduced blanking for 1920x1200 and 1600x1200 modes)



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