

MediaDS™

Technical Specifications

Local Video Input	4 x 3G/HD/SD-SDI inputs
Network Video Input	4 x IP inputs via NDI™
Local Video Output	1 x DVI or HDMI user interface with multiviewer
Network Video Output	4 x IP source outputs via NDI
Local Audio Input	4 x SDI embedded 1 x 2 Balanced XLR (Line) 3 x 2 Balanced 1/4" (Line)
Network Audio	<ul style="list-style-type: none"> • Native support for network audio input and output via NDI • Embedded audio supported for all NDI input and output video signals • Integrated support for Dante™ networking protocol from Audinate® * Requires Dante Virtual Soundcard license from Audinate (sold separately)
Supported SDI Input Formats	<ul style="list-style-type: none"> • 1080p 59.94, 1080p 50, 1080p 29.97, 1080p 25, 1080p 24, 1080p 23.98 • 1080i 59.94, 1080i 50 • 720p 59.94, 720p 50, 720p 29.97, 720p 25, 720p 24, 720p 23.98 • 576i 50 • 480i 59.94
Encoding	4 x RTMP streams via integrated NewTek streaming encoder
Streaming Delivery	4 x independent streams with support for Adobe® Flash® RTMP (RTMPE, RTMP, RTMPTE, RTMPS), Apple® HTTP Live Streaming (HLS), MPEG-DASH, and WOWZ™, and simultaneous stream file archive
Streaming Targets	Independently configurable per video stream, with support for multiple selections and configurable presets
Streaming Profiles	Independently configurable per video stream, with presets included in formats up to 1080p 60
Web	Built-in webpage available per video stream for local network viewing, with hosted media player, embed codes, and direct editing supported via HTML and CSS
Monitoring	Integrated multiviewer display with configurable workspaces and viewports
Video Configuration	Independently configurable video delay and color correction settings for each video stream, including white balance, proc amp controls and auto color
Audio Configuration	Independently configurable audio delay, automatic gain control, and manual audio channel level controls for each video stream
Signal Monitoring	Integrated waveform and vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 709
Processing	Video: Floating Point YCbCr +A 4:4:4 Audio: Floating Point, 48 kHz
A/V Standards	<ul style="list-style-type: none"> • 3G-SDI video conforms to SMPTE 424M (Level A) • HD-SDI video conforms to SMPTE 292M • SD video conforms to SMPTE 259M and ITU-R BT.656 • Analog audio levels conform to SMPTE RP-155
NIC	2 x 1 Gigabit NIC
System Physical	1RU chassis with 180W PSU • 19.0 x 1.75 x 16.75 in (48.3 x 4.5 x 42.5 cm) with rack ears attached • 15 lbs (6.8 kg)

Subject to change without notice.

For complete technical specifications, please visit the MediaDS page at www.newtek.com.

International pricing and availability may vary. Please email sales@newtek.com for details.