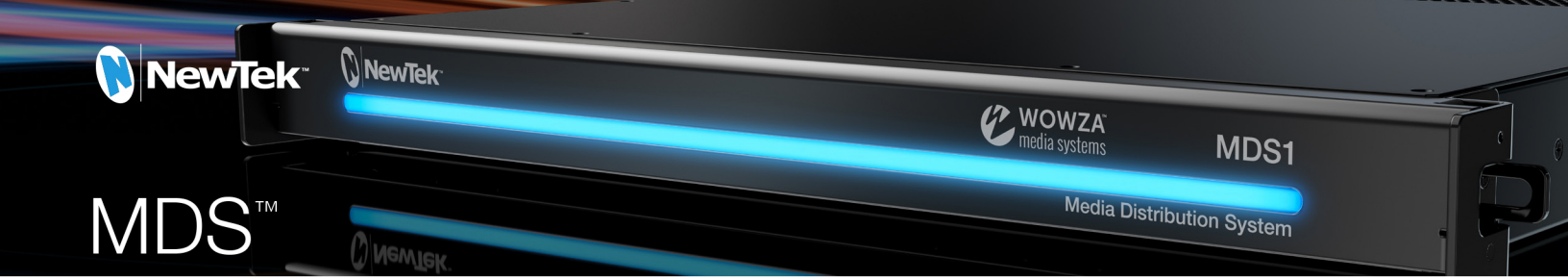


MDS™

# 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<br>1 x 2 Balanced XLR (Line)<br>3 x 2 Balanced 1/4" (Line) |
| **Network Audio** | • Native support for network audio input and output via NDI<br>• Embedded audio supported for all NDI input and output video signals<br>• Integrated support for Dante™* networking protocol from Audinate®<br>** Requires Dante Virtual Soundcard license from Audinate (sold separately)* |
| **Supported SDI Input Formats** | • 1080p 59.94, 1080p 50, 1080p 29.97, 1080p 25, 1080p 24, 1080p 23.98<br>• 1080i 59.94, 1080i 50<br>• 720p 59.94, 720p 50, 720p 29.97, 720p 25, 720p 24, 720p 23.98<br>• 576i 25<br>• 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, RTMPT, 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 4:4:4:4<br>Audio: Floating Point, 48 kHz |
| **A/V Standards** | • 3G-SDI video conforms to SMPTE 424M (Level A)<br>• HD-SDI video conforms to SMPTE 292M<br>• SD video conforms to SMPTE 259M and ITU-R BT.656<br>• Analog audio levels conform to SMPTE RP-155 |
| **NIC** | 2 x 1 Gigabit NIC |
| **System Physical** | 1RU chassis with 180W PSU<br>• 19.0 x 1.75 x 16.75 in (48.3 x 4.5 x 42.5 cm) with rack ears attached<br>• 15 lbs (6.8 kg) |

Subject to change without notice.
For complete technical specifications, please visit the MDS page at www.newtek.com.
International pricing and availability may vary. Please email sales@newtek.com for details.

VIDEOLINK™ INC.