



Studio Output Module

Technical Specifications

Local Video Output	4 x 3G/HD/SD-SDI outputs 1 x DVI or HDMI user interface with multiviewer
Network Video Output	4 x NDI outputs
Network Video Input	4 x NDI inputs 4 x NDI DSK channel inputs
DSK Channels	4 x DSK channels (1 channel per output)
Media	Media player mode available per channel supporting playback of multimedia files
Local Audio Output	4 x SDI Embedded 1 x 2 Balanced XLR 3 x 2 Balanced 1/4"
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 Output 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 25 • 480i 59.94
Recording	<ul style="list-style-type: none"> • 4 x recording channels via IsoCorder™ technology • QuickTime® (XDCAM HD compatible, 4:2:2 encoding, 24-bit audio, with timecode) • Supports recording to external storage via USB 3.0 • Supports shared storage integration and third-party partner solutions * QuickTime Player not required for playback in common NLE applications
Grab	Grab full resolution, de-fielded still images from outputs
Monitoring	Integrated multiviewer display with configurable workspace and viewports
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, 96 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
Genlock	Genlock input supporting SD (Bi-level) or HD (Tri-level) reference signals
Timecode	External LTC source or internal system clock
NIC	2 x 1 Gigabit NIC
System Physical	1RU chassis with 180W PSU <ul style="list-style-type: none"> • 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 IP Series page at www.newtek.com.
Multi-standard pricing and availability may vary. Please contact your local reseller for details.