

NewTek NC1 Studio Input Module Technical Specifications

Local Video Input	4 x 3G/HD/SD-SDI inputs
Network Video Input	4 x NDI™ inputs
IP Video Input	Support for a range of video over IP sources, including RTMP, RTSP, and HTTP streams
Network Video Output	4 x NDI outputs
Multiviewer Output	1 x DVI or HDMI user interface with multiviewer
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 support¹ for Dante™ networking protocol from Audinate® • Support for AES67 protocol via compatible WDM audio drivers² <p>¹ Requires Dante Virtual Soundcard license from Audinate (sold separately) ² Requires third-party virtual sound card license (sold separately)</p>
Supported SDI Input Formats	<ul style="list-style-type: none"> • 1080p: 59.94, 50, 29.97, 25, 24, 23.976 • 1080i: 59.94, 50 • 720p: 59.94, 29.97, 25, 24, 23.976 • 576i 50 • 480i 59.94
Recording	<p>4 x recording channels via IsoCorder™ technology</p> <ul style="list-style-type: none"> • QuickTime® (XDCAM HD compatible, 4:2:2 encoding, 24-bit audio, with timecode)³ • Supports recording to external storage via USB 3.0 • Supports shared storage integration and third-party partner solutions <p>³ QuickTime Player not required for playback in common NLE applications</p>
Grab	Grab full resolution, deinterlaced still images from external video sources
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	<p>Video: Floating Point, YCbCr +A 4:4:4:4</p> <p>Audio: Floating Point, 96 kHz</p>
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
Tally	Hardware tally via HD15 GPI connector or network tally via NDI
NIC	2 x 1 Gigabit NIC
System Physical	<p>1RU chassis with 180W PSU</p> <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.

Videolink.ca - NewTek Elite Partner - Certified Newtek Tricaster Operator

416-690-1690 or 1-800-567-8481

