VMC1 IN

Input Module

Studio Input Module

The NewTek IP Series Studio Input Module is a flexible extension of your studio, facility, and pipeline, bridging production sites across your network infrastructure, while introducing additional input sources to your workflow—broadening the scope of your coverage like never before.

Plan, structure, and configure productions according to your vision, including multi-system and multi-site workflows, with shared access to studios and sources. With each Studio Input Module integrated into your ecosystem, new SDI and IP sources aren't just made available to a single destination—but to every compatible destination connected to your network.
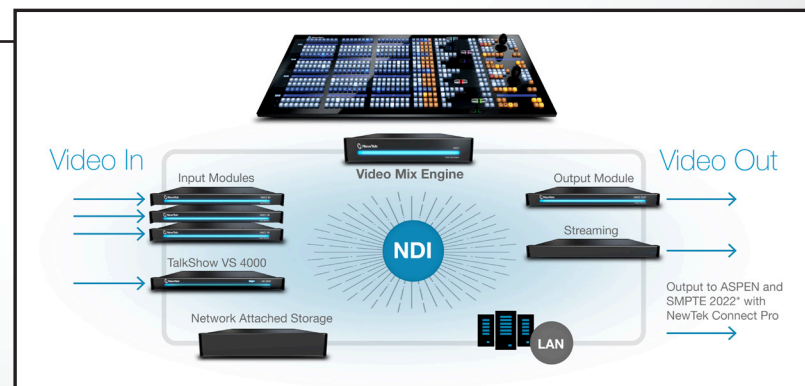
From installation to integration, connection to production, the Studio Input Module and the NewTek IP Series present possibilities and opportunities that are truly limitless.

The Studio Input Module Advantage

- **SDI-to-NDI Translation**
  Convert and deliver digital video from SDI systems and devices over IP networks to NDI-compatible destinations with near-zero latency.

- **Stackable and Scalable**
  Incorporate multiple modules into your installation, increasing the input capacity of your primary location and expanding to secondary sites.

- **3G 1080p Ready**
  Capitalize on your existing device inventory or proceed with upgrades, with multi-format processing and native support for emerging transmission standards.

- **ISO Recording**
  Capture all four input signals per module to network attached storage or other compatible storage solutions as native-resolution video files for archive or post-production.

- **Streamlined Local and Remote Installation**
  Remove the physical obstacles that complicate multi-system or multi-site workflows by leveraging your network infrastructure for integration.
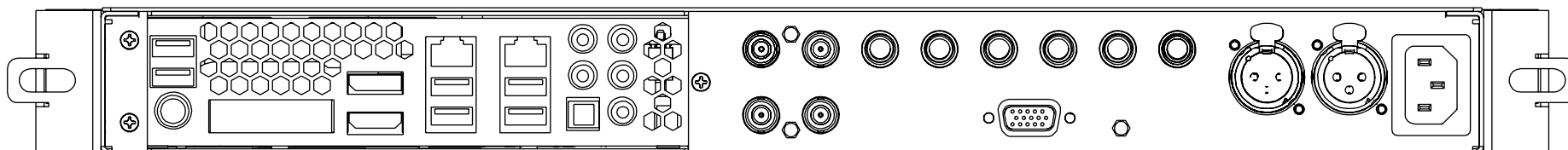
About the NewTek IP Series Ecosystem

The NewTek IP Series is a transformative video ecosystem for interconnected production. It transcends conventional workflows by leveraging innovative NDI technology and modular architecture to form a scalable production network that allows legacy and contemporary technologies to coexist seamlessly, and video, audio, and data to be shared universally between systems and locations across a simplified infrastructure.

Video In — Input Modules — Video Mix Engine — Output Module — Video Out — Streaming — NDI — TalkShow VS 4000 — Network Attached Storage — LAN — Output to ASPEN and SMPTE 2022* with NewTek Connect Pro

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
Local Video 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	• 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	• 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	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 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	Video: Floating Point, YCbCr +A 4:4:4:4 Audio: Floating Point, 96 kHz
A/V Standards	• 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	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 IP Series page at www.newtek.com.
International pricing and availability may vary. Please email sales@newtek.com for details.