

NDX

streamstar®

MADE 4 THE BRAVE NEW WORLD

ALL-IN-ONE LIVE PRODUCTION STREAMING STUDIO FOR IP/NDI SOURCES



IDEAL FOR:

NEWS

EDUCATION

CONFERENCES

E-SPORTS

RADIO STATIONS



**NEW
PRODUCT**

IP/NDI REMOTE LIVE PRODUCTION



VERSATILE
FEATURE RICH
EASY TO USE
AFFORDABLE


FEATURES OVERVIEW

- Intuitive and easy-to-use touch screen user interface
- 4x NDI / IP stream inputs
- NDI / RTMP/S / TS output
- HD-SDI / HDMI output (optional module)
- 4x Insert layers - Logo / Overlay / CG / Ingest
- Cut/Crossfade/Transitions automated switching modes
- Internal CG
- External graphics with transparency over NDI
- Built-in Multi-view with a choice of 3 modes
- Built-in Audio mixer
- NDI Recording - PGM
- Stream recording
- Built-in encoder for Live streaming
- Media player
- Playlists with automated pause/continue features
- NDI PTZ control
- JVC camcorder IP based CCU and Tally
- JVC smart PTZ control
- JVC camcorder IP input stream management
- AutoCut - automatic camera switching after media playout
- GPIO control (X-keys)
- GPIO tally (X-keys)
- Automated Scenes manager – Show automation*
- Graphics Ingest On/Off Automation
- Media editing/trimming with IN/OUT points
- PIP and SPLIT Screen layouts
- True 4:4:4:4 ARGB video processing
- Popular streaming platforms integration
- Simulcasting
- CG sequence automation
- Save/Load system setting and custom defaults
- CG projects export/import
- PIP and SPLIT Screen Templates editor
- Customizable keyboard shortcut
- Local PC time display option in Time/Score CG
- RSS 2.0 automated Crawl CG data feed

*/ coming soon

IP/NDI REMOTE LIVE PRODUCTION WORKFLOW



FEATURE 	STATUS	DESCRIPTION Model:  streamstar NDX 400
Total camera inputs - vision mixer	4	Vision mixer SW GUI features 4 live camera preview monitors that function as switches for touch-screen switching operation
NDI input	4	Supported resolutions and framerates: 720p25, 720p50, 1080p25, 1080i50, 1080p50
IP Stream input	4	720p25, 720p50, 1080p25, 1080p50 in H264+AAC, 10 Mbps max bitrate per input, supported protocols: RTSP, MPEG-TS, UDP, RTMP PULL, HLS PULL
External graphics input with transparency over NDI	1	Supported resolutions and framerates: 720p25, 720p50, 1080p25, 1080p50
NDI output - PGM	1	Supported resolutions and framerates: 720p50, 1080p25, 1080p50
3G/HD-SDI output - PGM (HDMI included)	optional	Supported resolutions and framerates : 720p50, 1080i50, 1080p50
Multiview output (GPU based HDMI or DP)	•	3 modes available select from: PGM / Camera Grid / PGM + Camera Grid combined
USB audio card support (external audio mixer)	•	External audio mixer as a source support
Media playback	•	Playback, Preview, Add to Playlist, Mute, Loop, Virtual in/out points trim
Playlists media management system	•	Creation of virtual playlists of media files to assemble blocks of content to be used in PGM with playback, loop, audio mute, automatic pause / continue functionality when switched
Real time camera preview, media, graphics	•	Preview of all sources
Switching / Mixing / PIP & Split layouts	•	Cut, Autocut, Crossfade, Transition wipes (9), PIP & SPLIT SCREEN templates (9) editable
Automated Scene manager – Show automation	optional	To be released in Q2/2020
Graphics DSK - unlimited	•	4 DSK layers with transparency: 1. CG - Character Generator 2. OVERLAYS - flv, mov, png 3. LOGO (Bug) - flv, mov, png 4. INGEST - External graphics ingest over NDI
Internal CG with templates	•	Creation of editable live graphics - lower 3rds, titles, crawls or timers with dynamic data controls based on supplied templates or user graphics
NDI PGM Recording	•	720p50, 1080p25, 1080p50 - identical to NDI Output setting
PGM stream recording	•	Up to 1080p50 @ up to 10Mbps - identical to Live Streaming setting
Live streaming	•	Up to 1080p50 @ up to 10Mbps / RTMP/S or TS (H.264 + AAC)
Simulcasting	•	Streaming up to 5 simultaneous destinations
Audiomixer	•	Integrated, full featured audio mixer with monitoring, audio follow video, audio delay setup, muting, peaking...
Supported Media Playback Formats	•	mp4, m4v, wmv, mpg, mpeg, ts, avi, flv
NDI PTZ control	•	NDI PTZ camera control over NDI based on provided features availability and depending on the NDI standard
JVC Smart PTZ Control	•	JVC PTZ camera control over IP - Motion with presets, Zoom with presets, Camera Groups with presets, Tally, Auto/Manual modes, Recording, Iris, Gain, Shutter, WB, Zero Config automatic setup
JVC IP based CCU and Tally	•	JVC camcorders remote control over IP - Tally light, Recording On/Off, Auto/Manual modes, Iris, Gain, Shutter, WB settings, Zero Config automatic setup and network discovery
JVC camcorder IP input stream management	•	JVC camcorders remote control over IP - Resolution, Bitrate, IP video stream destination setup
GPIO control	•	2 customisable GPIO controls with user defined parameters to trigger external devices and/or actions
Settings Save and load	•	Ability to save / load system settings to create various custom configurations and specify default settings for system startup
PIP/SPLIT Screen templates editor	•	Utility application to customize the provided default PIP/SPLIT Screen templates and to save/load custom configurations for the Streamstar SW
Crawl CG automated RSS 2.0 data feed	•	Support for automated RSS 2.0 data feed to create text crawls with the internal CG module
Optional Accessories	-	Streamstar dedicated and colour coded keyboard
Form Factor	-	2RU rack
Dimensions without handles	-	(DxWxH) 457.2 x 430 x 88.1 (mm)
Packing dimensions and weight	-	(DxWxH) 600 x 580 x 220 (mm) / Weight: 15kg