

# NDX mini

streamstar®

THE EASIEST-TO-USE AND MOST AFFORDABLE 2-CAM

# LIVE STREAMING

AND REMOTE PRODUCTION SOLUTION

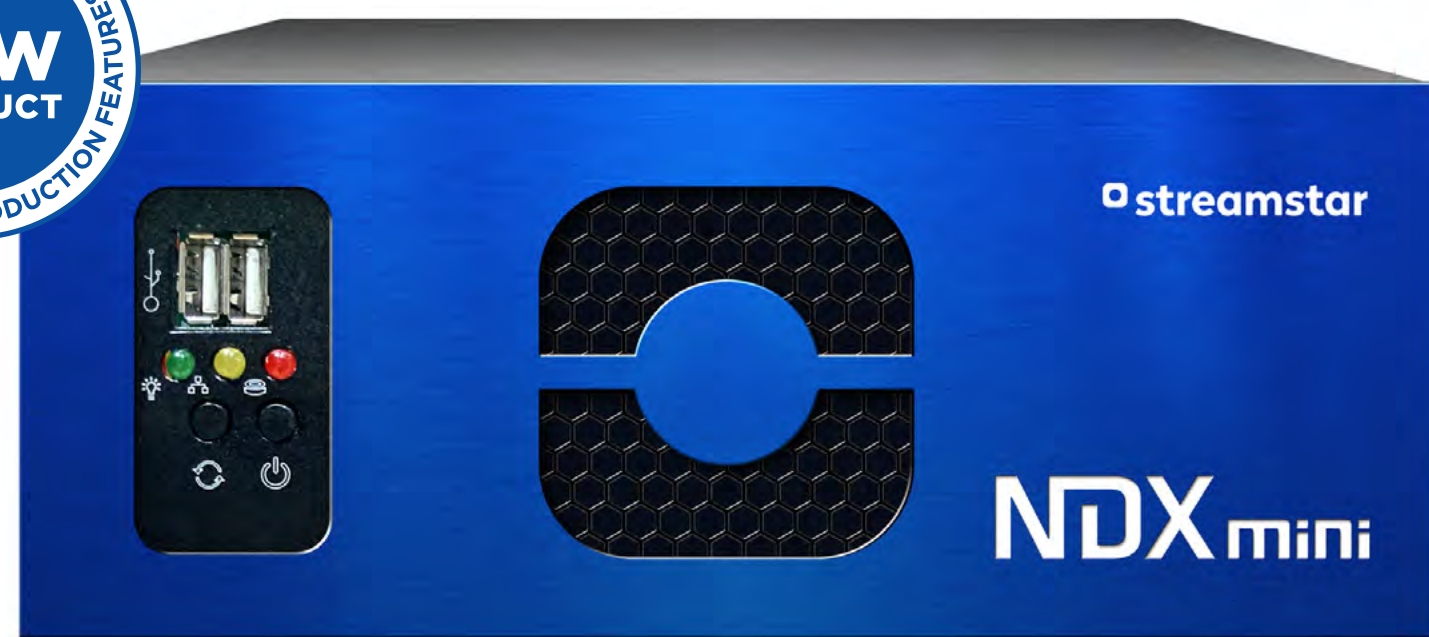
IDEAL FOR:

EDUCATORS

WEBCASTERS

CONFERENCES

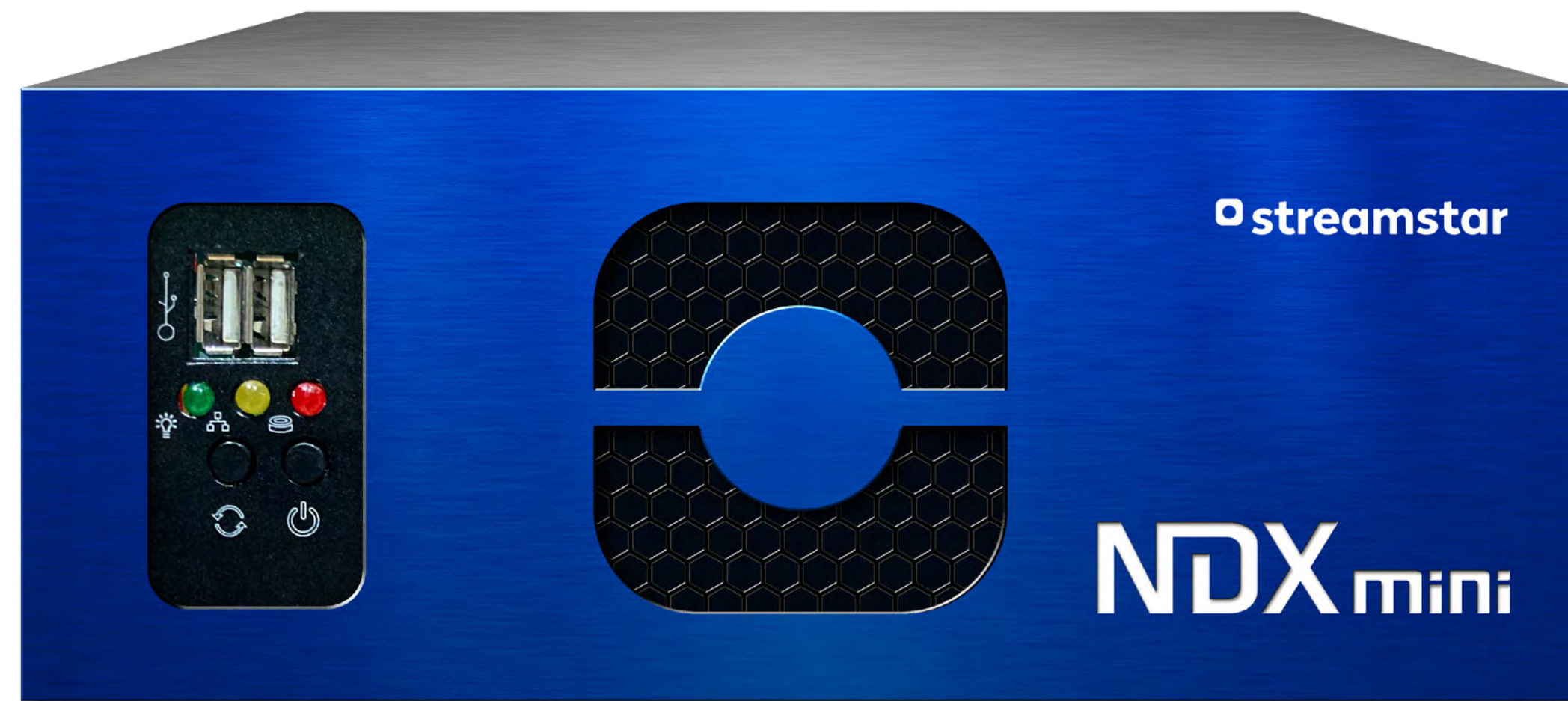
RADIO STATIONS ...



LIVE ONLINE IN UNDER 5 MINUTES



# PROFESSIONAL LIVE PRODUCTIONS FEATURES



- VERSATILE
- FEATURE RICH
- EASY TO USE
- AFFORDABLE

## FEATURES OVERVIEW



- Intuitive, easy-to-use touch screen user interface
- 2x NDI / IP stream inputs
- NDI / RTMP/S / TS output
- 4x DSK layers - Logo / Overlay / CG / Ingest
- Cut/Crossfade/Transitions automated switching modes
- AutoCut - automatic camera switching after media and replay
- Character Generator - CG
- CG sequence automation
- CG projects export/import
- External graphics with transparency over NDI
- Graphics Library / Player
- Graphics ingest On/Off Automation
- Media Library / Player
- Media editing/trimming with IN/OUT points
- Playlists with automated pause/continue features
- Built-in Audio mixer
- PIP and SPLIT Screen layouts
- PIP and SPLIT Screen Templates editor
- Automated Scenes Manager – Show automation\*
- Stream recording - PGM
- NDI Recording - PGM
- Built-in encoder for Live streaming
- NDI PTZ control
- JVC camcorder IP based CCU and Tally
- JVC smart PTZ control
- JVC camcorder IP input stream management
- GPIO control (X-keys)
- GPIO tally (X-keys)
- RTMP Server\*
- True 4:4:4:4 ARGB video processing
- Popular streaming platforms integration
- Simulcasting
- Save/Load system setting and custom defaults
- Customizable keyboard shortcut
- Local PC time display option in Time/Score CG
- RSS 2.0 automated Crawl CG data feed

\*/ optional



# NDX<sub>mini</sub> LIVE/REMOTE PRODUCTION WORKFLOW



FEATURE 	STATUS	DESCRIPTION <span style="float: right;">Model:  streamstar® NDXmini</span>
Total camera inputs - vision mixer	2	Vision mixer SW GUI features 2 live camera preview monitors that function as switches for touch-screen switching operation
NDI input	2	Supported resolutions and framerates: 720p50, 720p60
IP Stream input	2	720p50, 720p60 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: 720p50, 720p60
NDI output - PGM	1	Supported resolutions and framerates: 720p50, 720p60
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	Capture complex PGM compositions and combine them into automated sequences to easily create and control complex workflows to cover entire broadcasting timelines or programming blocks
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, 720p60 - identical to NDI Output setting
PGM stream recording	•	Up to 720p50/60 @ up to 10Mbps - identical to Live Streaming setting
Live streaming	•	Up to 720p50/60 @ 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 / 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
RTMP Server Input	optional	Supported resolutions and framerates: 720p50/60 - 8Mbps Max bitrate per input
Optional Accessories	-	Streamstar dedicated and colour-coded keyboard
Form Factor	-	Mini housing
Dimensions	-	(DxWxH) 220 x 200 x 86 (mm)
Packing dimensions and weight	-	(DxWxH) 300 x 280 x 170 (mm) / Weight: 4.5kg