Live Streaming Partner

NSCaster X2 S

12 channel editing	SDI in ×4	HDMI in ×2	UVC output	Live+ interconnection	Live production	Landscape and portrait screen	touchscreen control

Hardware core + Software production

Both stability and functional diversity

NSCaster X2^S Based on the ARM architecture of Linux system, which originally has the absolute advantage of portability and flexibility compared with the hardware equipment system.

It not only have the extremely lightweight appearance and coding ability of the hardware core, but also have many powerful and easy-to-use packaging and production features.

NSC

NSCaster X series production system
Embedded production studio

12 Channel signal inputs for live production

SDIx4 + HDMIx2 physical inputs up to 1080p60 signal
Support multiple stream input and Live+ protocol.

SDI × 4 HDMI × 2

RTMP/RTSP/UDP TS/HTTP M3U8/HTTP TS/HTTP FLV/NDIIHX

Live production switcher	Streaming server	Streaming partner of multi-camera set
4 SDI+ 2HDMI physical inputs	Multiple stream and HQ encoder feedback	UVC output PGM to social media paltform

Live+ connection, support HQ encoder remote feedback

NSCaster X2^s is equipped with the live + interconnection system, which can easily realize the connection between the front-end device such as HQ encoder and the NSCaster X2^s device, and join the live streaming, making the production of live programs simpler and faster.

Live+ one button connection
Low latency AV interconnection

Channel Source

Phy Input

IP Camera

UVC Camera

Net Stream

Image File

Video File

Live+ Device

Encoder Stream

SRT

Live+ Device

Scan QR Code or Enter Director ID to

8 5 7 0 9

No.	Device name
1.	NSCaster123
2.	Lipencoder HQ
3.	LipencoderHQ
4.	iPhone
5.	iPhone
6.	Redmi Note

Landscape and portrait screen, UVC output, streaming partner for social media capturing

NSCaster X2^s supports both landscape and portrait screen project. It provides kinds of packaging templates and materials for portrit screen streaming, and supports PGM output to streaming partner software for social media streaming.

UVC protocol output
Can be used for PC site signal capturing

PTZ camera control and set up IP studio system on the site

NSCaster X2^S has a built-in PTZ control interface and supports a variety of mainstream PTZ control protocols. It can remotely control the camera PTZ, support zoom, focus and aperture operations, and quickly locate the target position. It is suitable for industry like educational traning, live court trials..

PTZ camera control
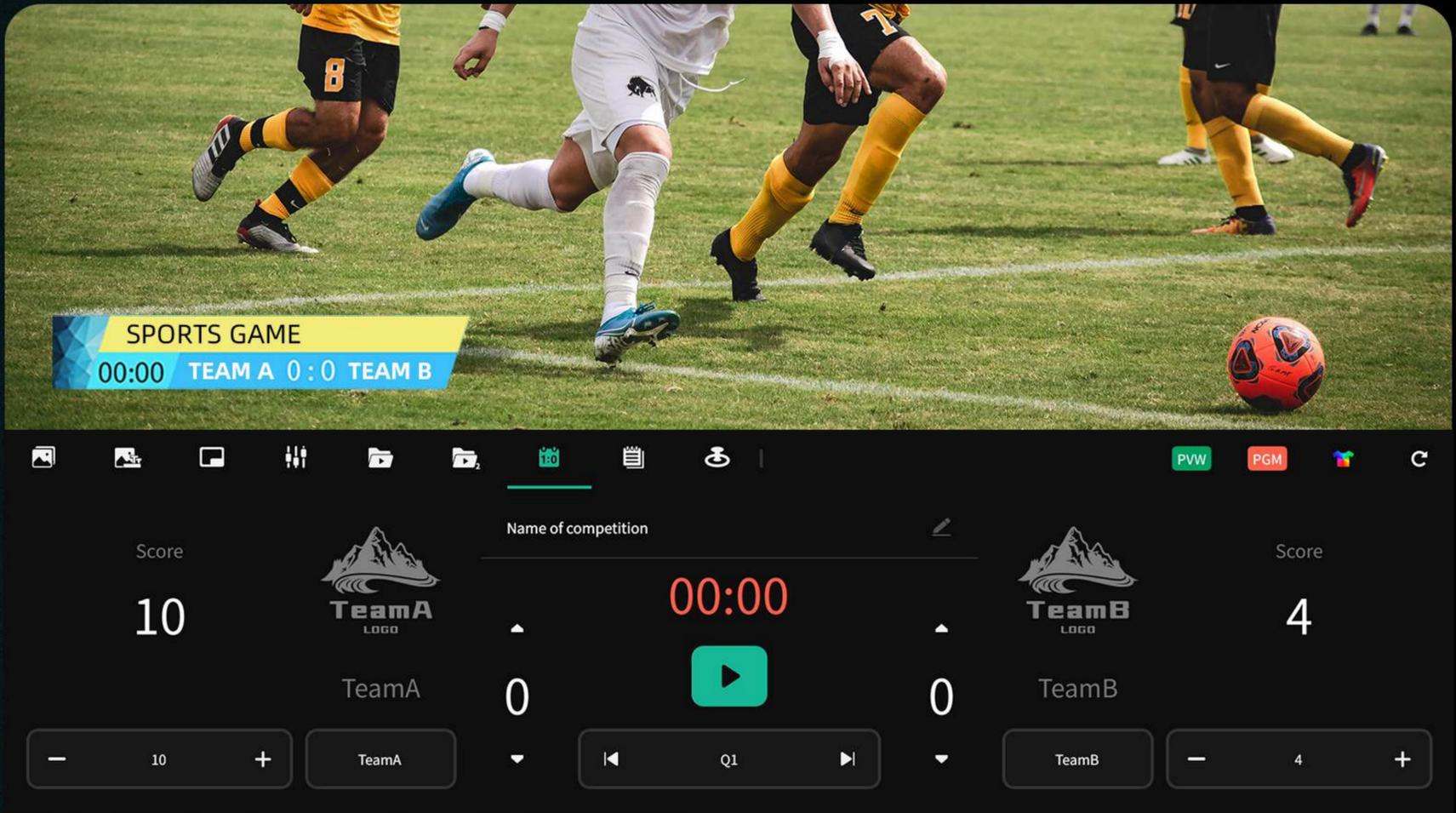Support majority camera models with standard protocol

Built-in program packaging, portable live studio design

NSCaster X2^s has built-in packaging and production functions, such as subtitle, logo, CG overlay, PIP, scoreboard so as to make your production easier and more appealing.

0:1 **Freedom liveproduction with supporting secondary editing**
Built-in rich material library, easier for streaming beginner

Score	TeamA LOGO	Name of competition		TeamB LOGO	Score
10		00:00			4
	TeamA	▶		TeamB	
− 10 +	TeamA	0	Q1	0 TeamB	− 4 +

Freedom liveproduction with supporting secondary editing

Built-in rich material library, easier for streaming beginner

CG overlay
Add picture, logo

PIP
Custom PIP format, add background

Mixer
Embedded audio mixer

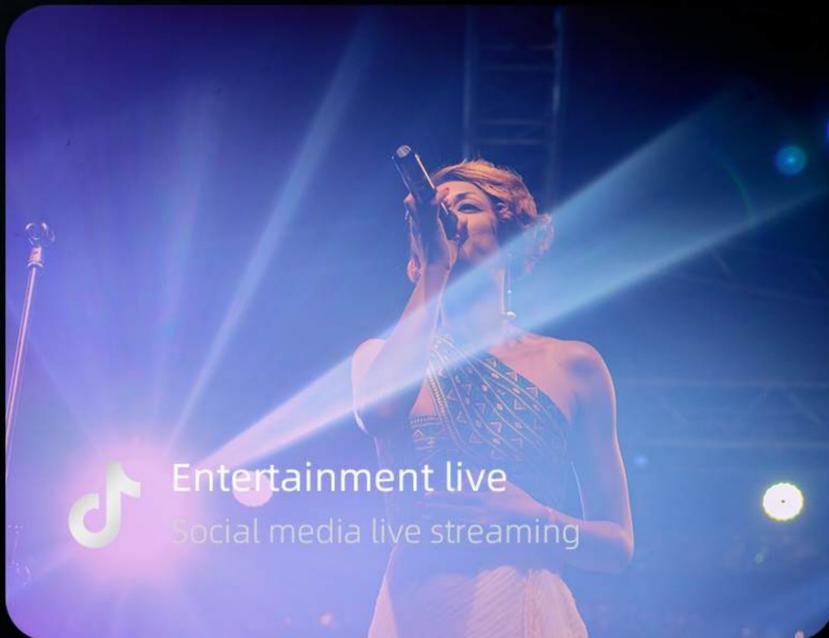SUPER STAR
Florida State University

Adapt to varieties AV live production application scenarios

Rely on sufficient audio and video inputs and outputs and built-in packaging and production functions , NSCaster X2^s could be qualified production and live production for any kinds of industry scenarios.
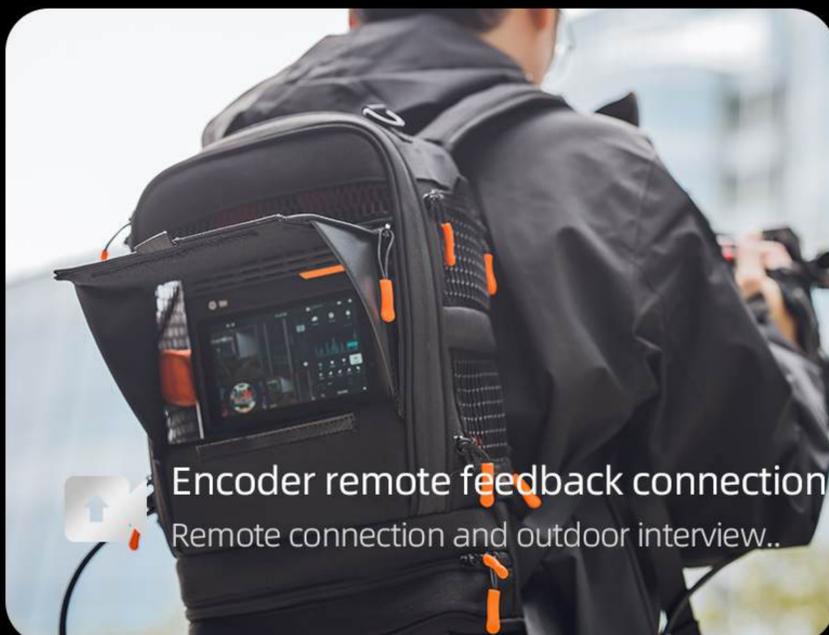
All-in-one AV tools
Portable and powerful

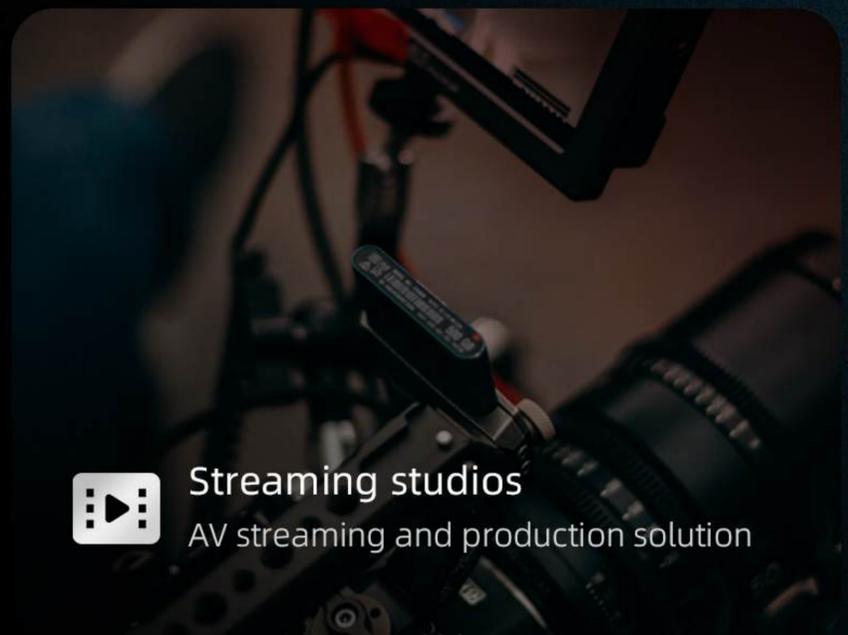**Entertainment live**
Social media live streaming

Conference and class recording
Training recording and live conferences

Set up the production room
Rich interface and powerful functions

Encoder remote feedback connection
Remote connection and outdoor interview..

Streaming studios
AV streaming and production solution

Appearance and user interface

Design for professional and new beginners with visual
and easy operating UI, and easy monitoring workflow.

XLR/TRS
audio input

XLR/TRS
audio output

USB port
Support UVC input

SDI input ×4

HDMI input ×2

HDMI
output

SDI
output

HDMI
monitor output

UVC
output

Main technical parameters

System
Linux based on ARM

Display
13.3 inch LCD, 1920x1080 resolution, with touch operation support

Video Input
3G-SDI × 4
HDMI × 2
USB (UVC) × 2

Video output
3G-SDI × 1
UVC × 1
HDMI (PGM) × 1
HDMI (monitor) × 1

Audio input
XLR/TRS mixed port balance
3.5mm line input
3.5mm microphone input
SDI/HDMI embedded audio

Net stream inpu
RTMP/RTSP/UDP TS/HTTP M3U8/HTTP TS/HTTP FLV/NDI|HX

Audio output
XLR/TRS mixed port balanced
SDI/HDMI embedded audio
3.5mm monitor

Video Standard
SD PAL/NTSC、720p50/59.94/60、1080i50/59.94/60、
1080p25/30/50/59.94/60

Video Encoding
H.265/HEVC, H.264

Streaming Protocol
RTMP、RTSP、SRT、Live+、NDI | HX

Audio sampling
48kHz, 16bit, stereo

Communication Interface
Ethernet, dual WiFi, TALLY

Storage
256G

Power supply
DC 19V

Software function
Tansition, subtitle, CG, scoreboard packaging related, live+ interconnection,
support landscape and portrait screen projects, support multiple stream recording and streaming