

Live Streaming Partner

NSCaster X3 **BOX**



- 
12 channel editing
- 
SDI in x4
- 
HDMI in x2
- 
UVC output
- 
Live+ interconnection
- 
Live production
- 
Landscape and portrait screen

Hardware core + Software production

Both stability and functional diversity

X3 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.



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/NDI/HX



Live production switcher

4 SDI+ 2HDMI physical inputs

Streaming server

Multiple stream and
HQ encoder feedback

Streaming partner of multi-camera set

UVC output PGM
to social media platform

Live+ connection, support HQ encoder remote feedback

NSCaster X3 box is equipped with the live + interconnection system, which can easily realize the connection between the front-end device such as HQ encoder and the X3 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

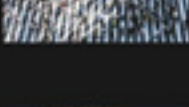
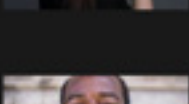
SRT

Live+ Device

Scan QR Code or Enter Director ID to



857098

No.	Device name	Live+ID
1.	 NSCaster123	[573339]
2.	 Lipencoder HQ	400841
3.	 LipencoderHQ	677407
4.	 iPhone	344122
5.	 iPhone	145923
6.	 Redmi Note	597658

NSCASTER X3

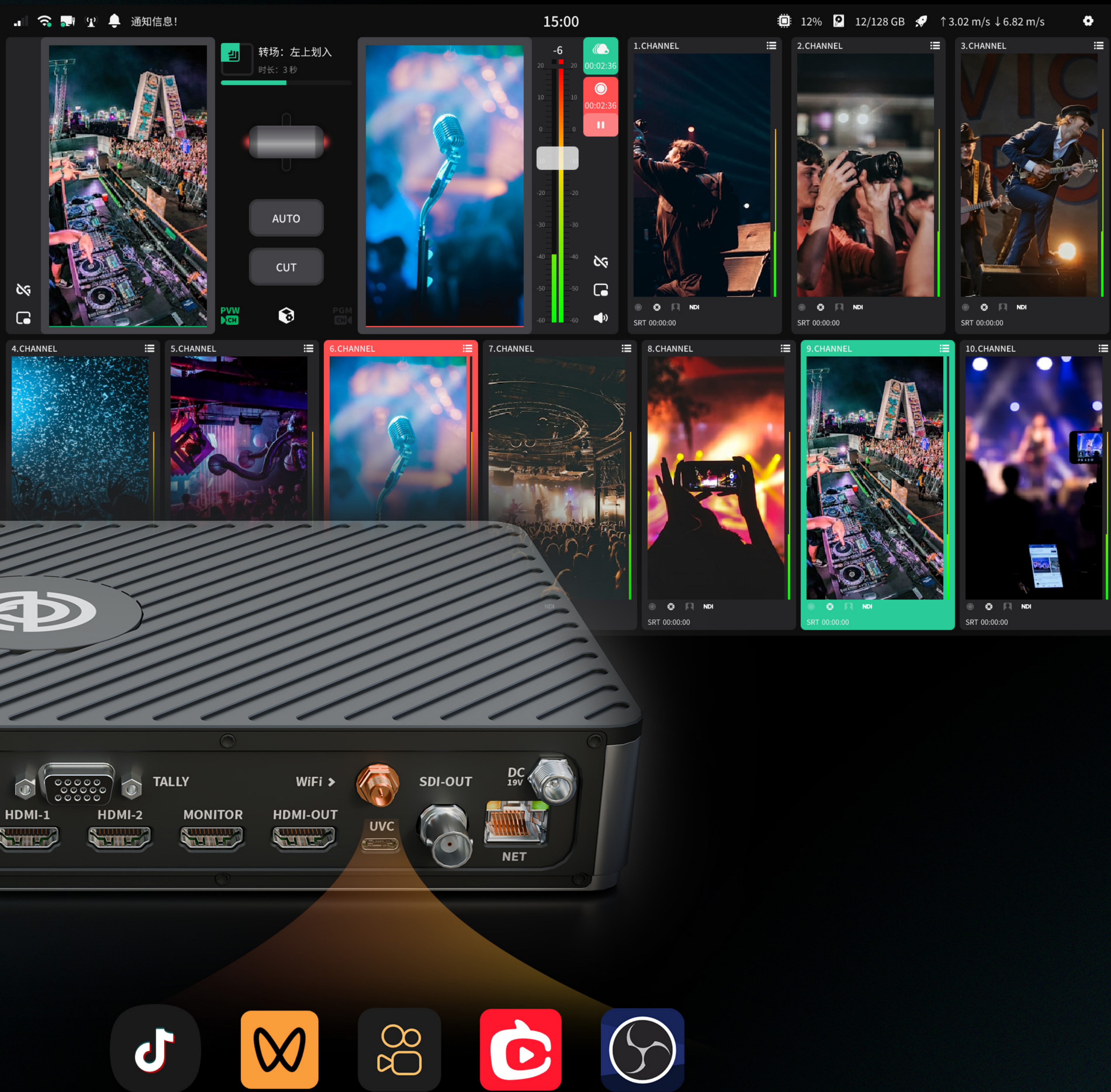
Landscape and portrait screen, UVC output, streaming partner for social media capturing

NSCaster X3 box 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 X3 box 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 training, live court trials..



PTZ camera control

Support majority camera models with standard protocol

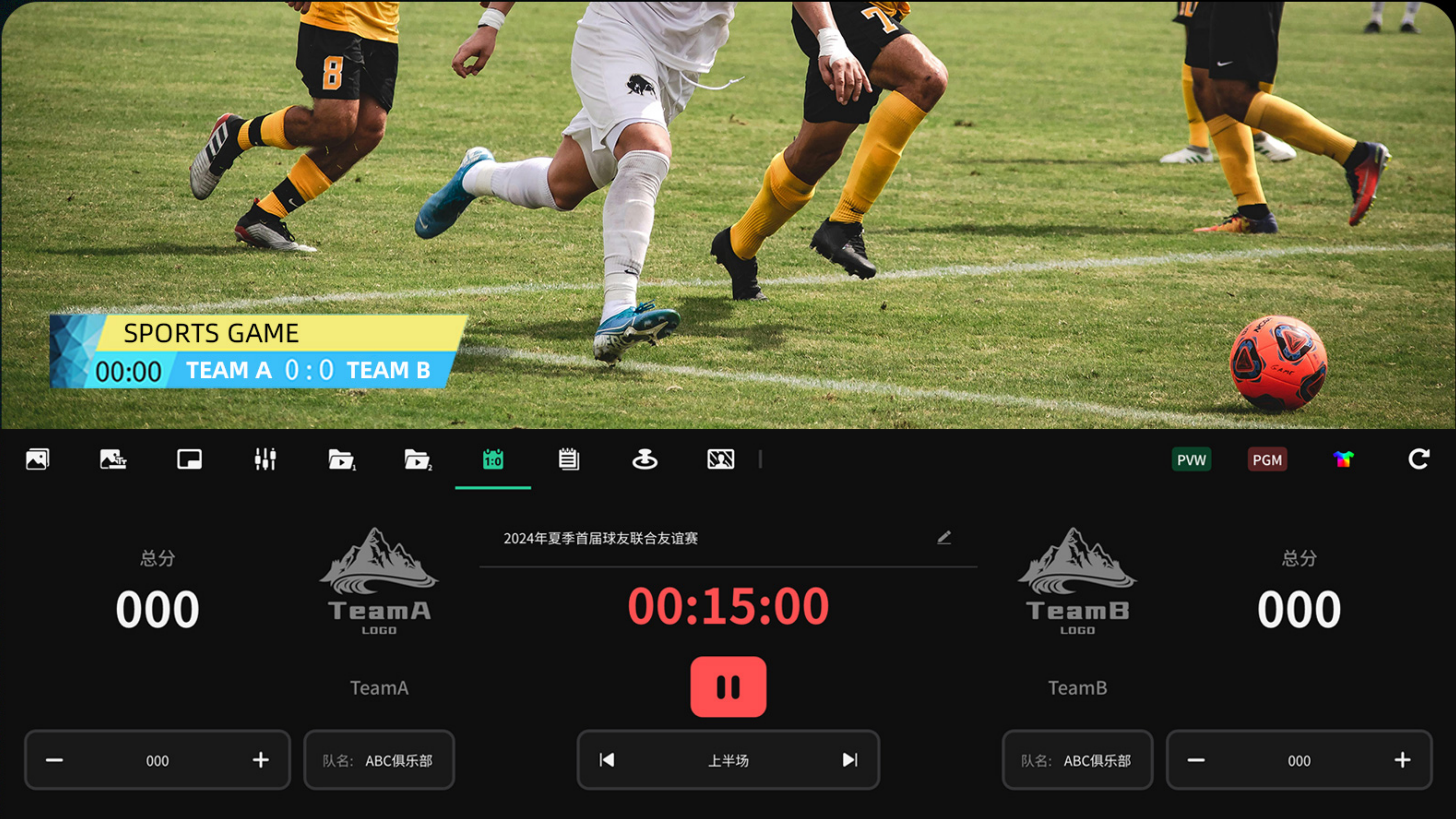


Built-in program packaging, portable live studio design

NSCaster X3 box 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.



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



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



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 X3 box 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
monitor output

HDMI
output

UVC
output

SDI
output

Main technical parameters

System

Linux based on ARM

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 input

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

128G

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

