NSCaster-X1

HIGHLY INTEGRATED PRODUCTION TOOL - AWESOME FEATURE SET

The NSCaster X1 is a highly integrated production tool with a built-in 11.6-inch full HD touchscreen monitor. It offers functions such as: multi-channel switching, recording, broadcasting, audio mixer, special effects, and monitoring. It also has built-in Ethernet, WIFI, and 4G modules to meet the needs of webcasts for different scenarios.。
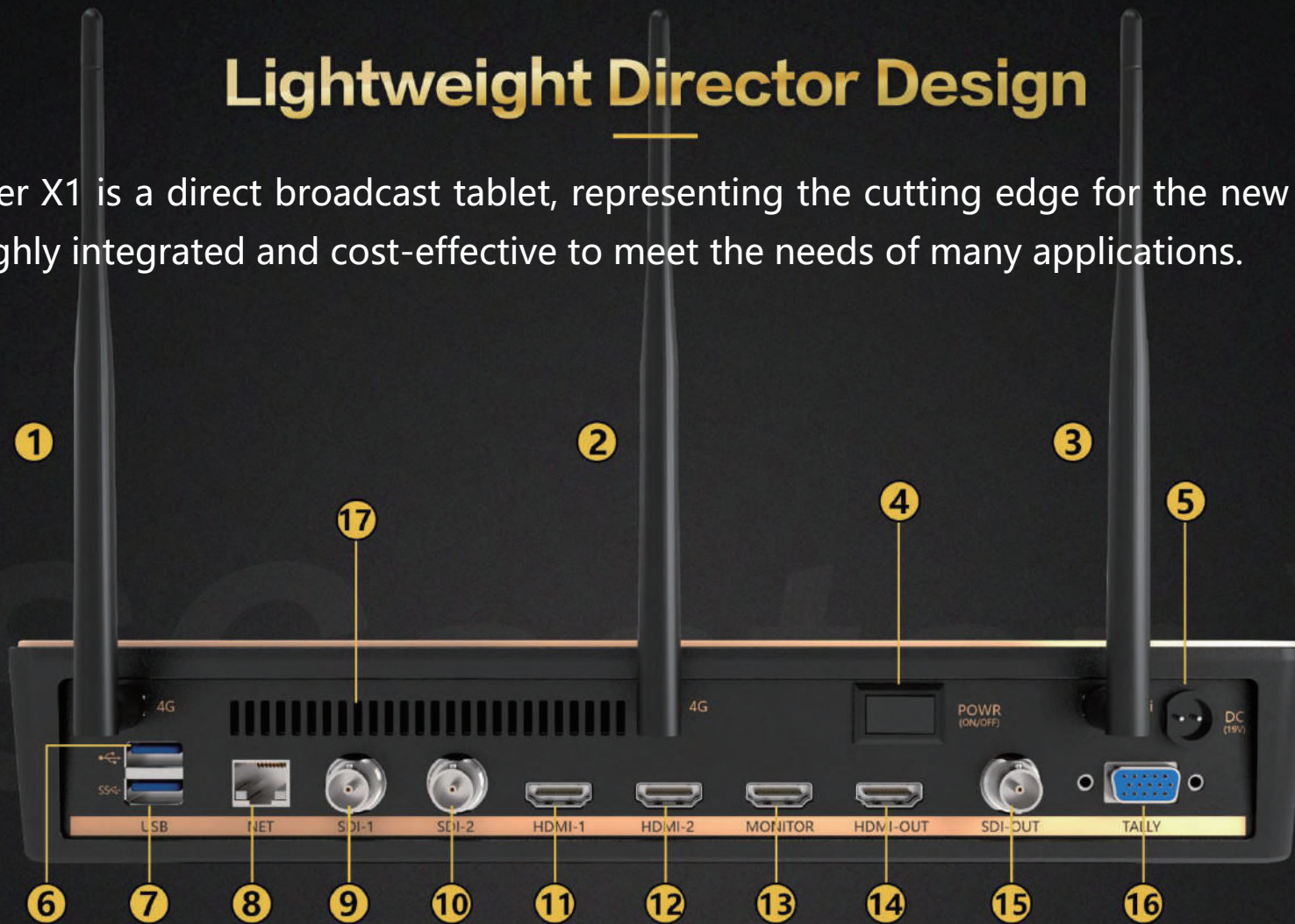
Basic Parameters

- 2 HDMI & 2 SDI Inputs
- or up to 4 NDI|HX Inputs
  * with NDI|HX Option
- IP & SRT Input
- 1 SDI Output
- 2 HDMI Outputs
- 2 XLR/TRS audio inputs
- 2 XLR/TRS audio outputs
- 1 3.5mm stereo monitor output

- Live+ connection
- A9 processor
- 3GB memory
- 256GB SSD
- Built-in WIFI LAN
- Built-in Gigabit LAN
- 4 Tally outputs
- Built-in 11.6-inch HD touchscreen display

- Multi-bitrate live streaming
- Multi-protocol network flow input
- Multi-channels recording
- Power down security recording
- Built-in audio mixer
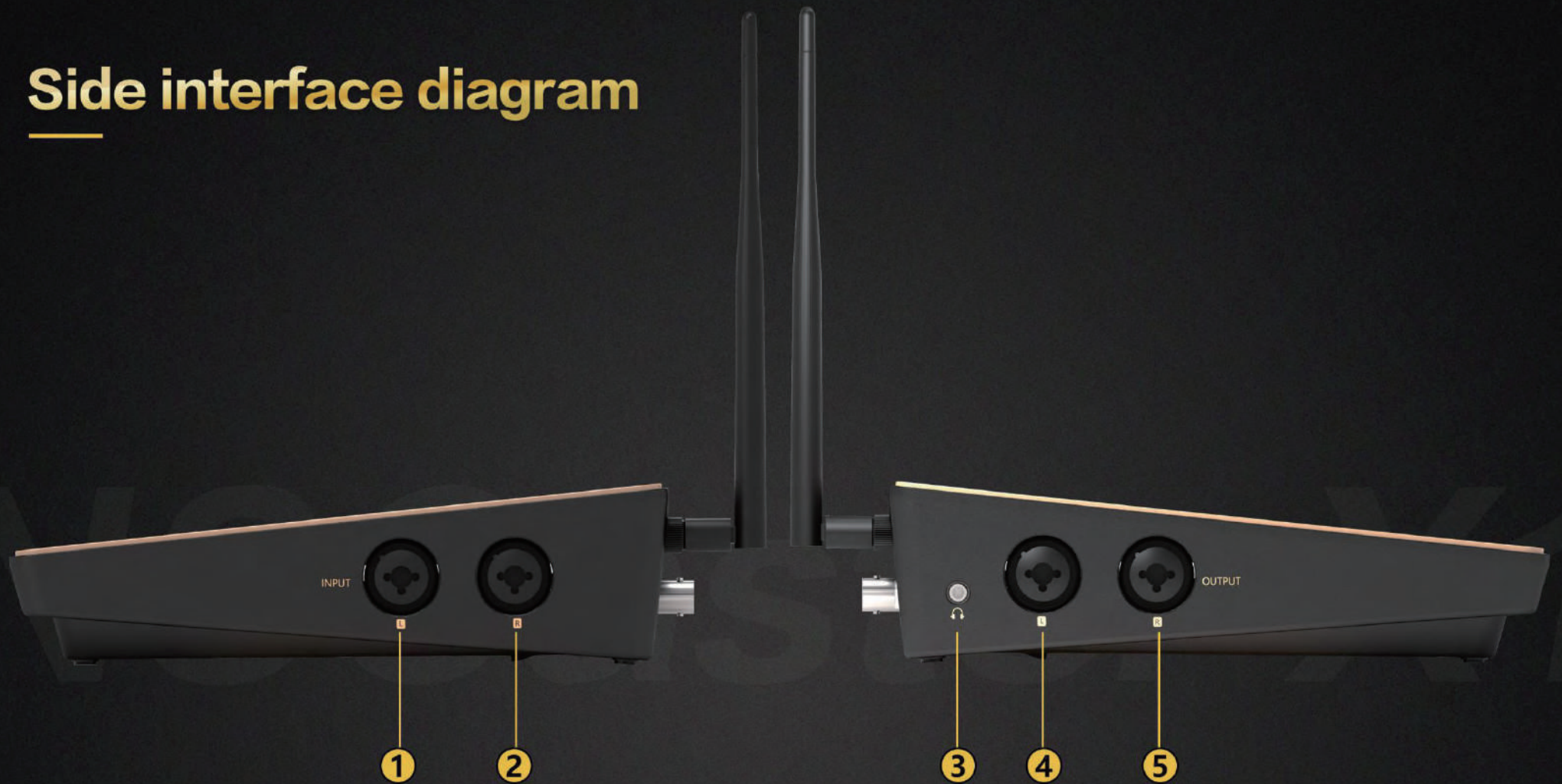- Subtitles/logo/CG
- Built-in 4G module

Lightweight Director Design

NSCaster X1 is a direct broadcast tablet, representing the cutting edge for the new media. The device is highly integrated and cost-effective to meet the needs of many applications.

① 4G antenna   ⑥ USB 2.0   ⑪ HDMI – 1 Input   ⑯ TALLY

② 4G antenna   ⑦ USB 3.0   ⑫ HDMI – 2 Input   ⑰ Cooling port

③ WIFI antenna   ⑧ Gigabit Ethernet port   ⑬ HDMI Display Interface

④ Switch   ⑨ SDI – 1 Input   ⑭ HDMI PGM Output

⑤ Power supply   ⑩ SDI – 2 Input   ⑮ SDI PGM Output

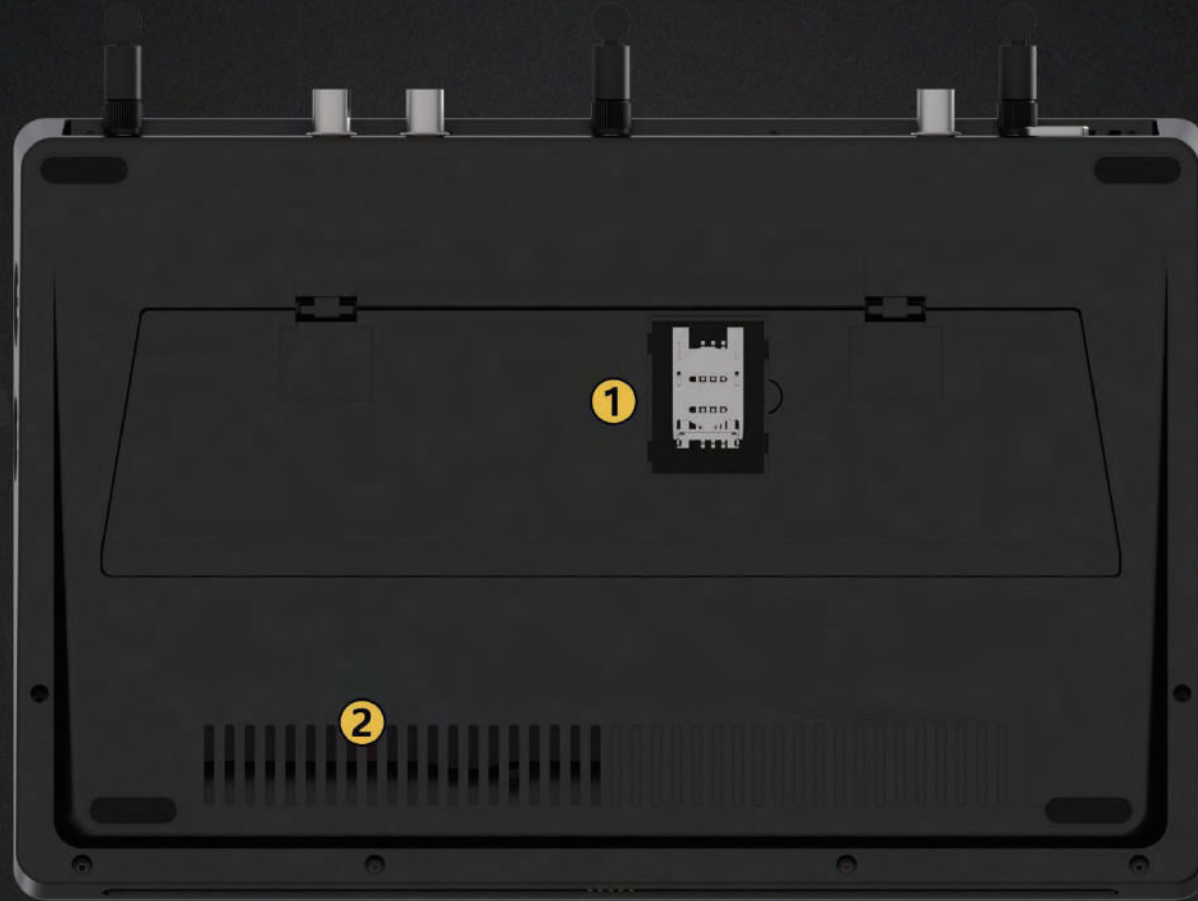# Side interface diagram

1 XLR/TRS balanced input L

2 XLR/TRS balanced input R

3 3.5mm monitor

4 XLR/TRS balanced output L

5 XLR/TRS balanced output R

Bottom interface diagram
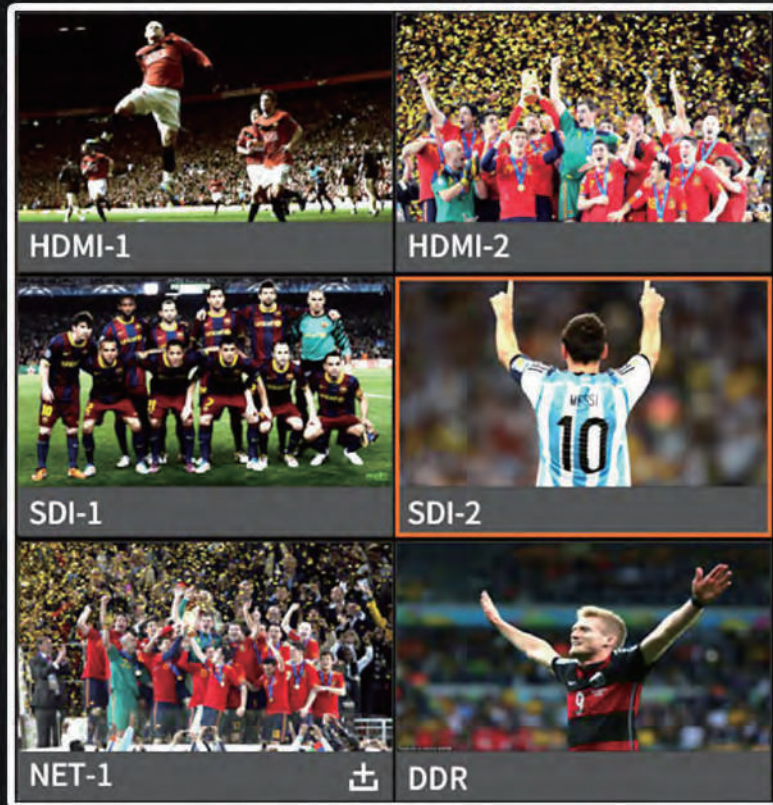

① 4G card slot   ② Inlet

Flexible Video Input channels

*with NDI|HX Option

NSCaster X1 supports multiple inputs, including IP camera, SDI, HDMI, NET, DDR, SRT, NDI|HX and local material and other signals, which can support a professional live event without any pressure.
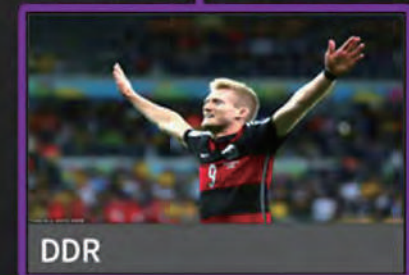
6 configurable sources in the main screen

HDMI-1　　HDMI-2
SDI-1　　SDI-2
NET-1　　DDR

2 HDMI input channels

HDMI-1　　HDMI-2

2 SDI channels

SDI-1　　SDI-2

1 NET input channel

NET-1

1 DDR video channel

DDR

The NET input channel supports loading various network stream signals. The supported formats are: Rtmp/rtsp/hls/udp ts/http flv; DDR channel supports loading multiple forms of local material files.

No delay switching

NSCaster X1 uses a 11.6-inch touchscreen and can be switched to the PGM by clicking on any of the video channels (SDI-1/2, HDMI-1/2, NET, DDR). Multi-channel signal switching at random and one-touch to start broadcast.
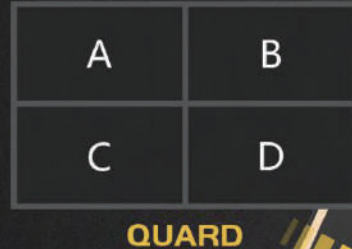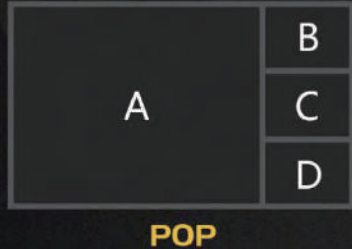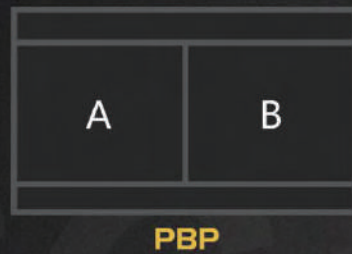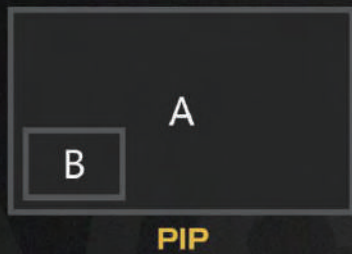
Professional operation interface

NSCaster X1 features a professional and simple UI design that makes live streaming more professional and easier to operate.

① PGM output signal monitoring area

② Source signal monitoring area

③ Functions

    ① CG

    ② Picture in picture

    ③ Scoreboard

    ④ Audio mixer

    ⑤ DDR local material

④ Broadcast control area

(streaming, recording, main output tuning)

⑤ Basic Settings

Picture in picture function

NSCaster X1 selects the layout mode of the broadcast screen by the picture-in-picture special effect, and quickly switches the content of the main screen and the sub-picture to bring more idea and inspire live director to give a better performance.
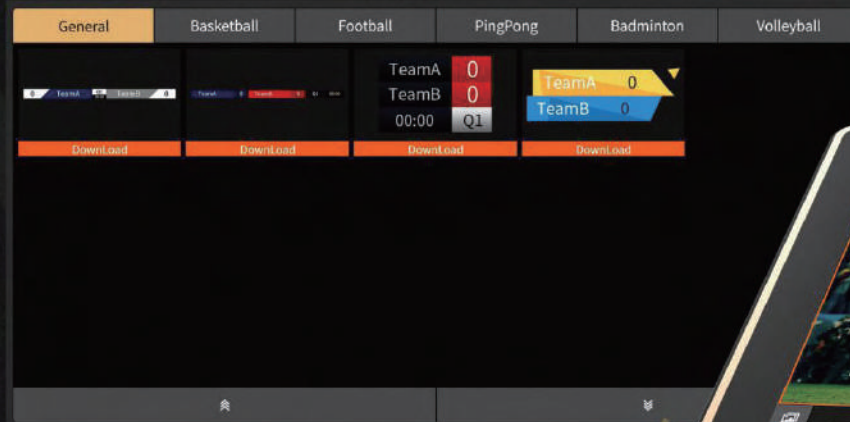

PIP

PBP

POP

QUARD

Picture in picture model

Scoreboard function

NSCaster X1 has a large number of scoreboard templates built in, which can display the scores of current live matches in real time. It can meet the real-time scores of various sports events such as basketball, football, table tennis, badminton and volleyball.

Scoreboard template

Professional audio input

NSCaster X1 uses XLR and TRS mixing port, and both XLR and TRS can be used, for professional environments.

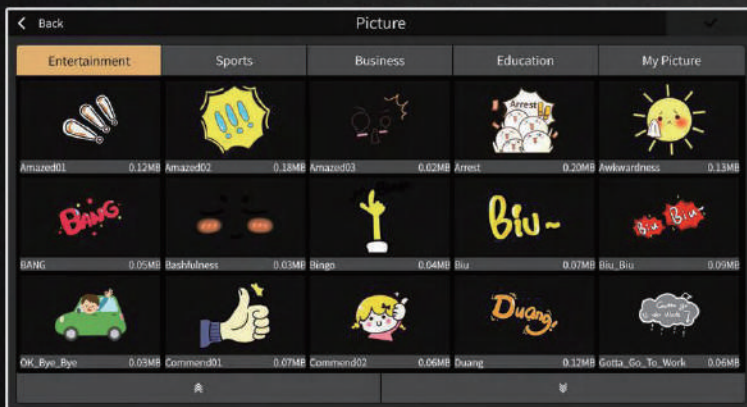Professional XLR audio interface

OUTPUT

L   R

Audio mixer function

NSCaster X1 has built-in audio mixer and it can supports multiple channel mixing effects, allowing you to control the input and total output volume arbitrarily.

CG overlay function

NSCaster X1's CG panel can publish pictures to the PGM monitor interface. It has built-in a large number of picture material and support importing external png/jpg format pictures. It also can move the position of the picture and the same channel can supports up to 12 pictures.
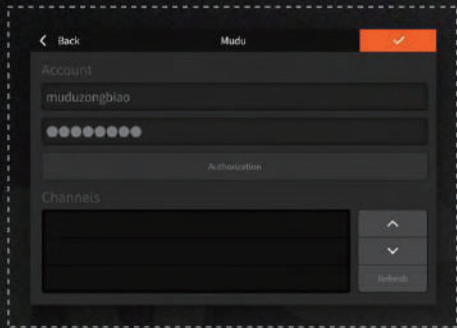
Channel recording

NSCaster X1 can record 6 channels (SDI-1/2, HDMI-1/2, NET/PGM channel recording) and supports recording power-off protection.
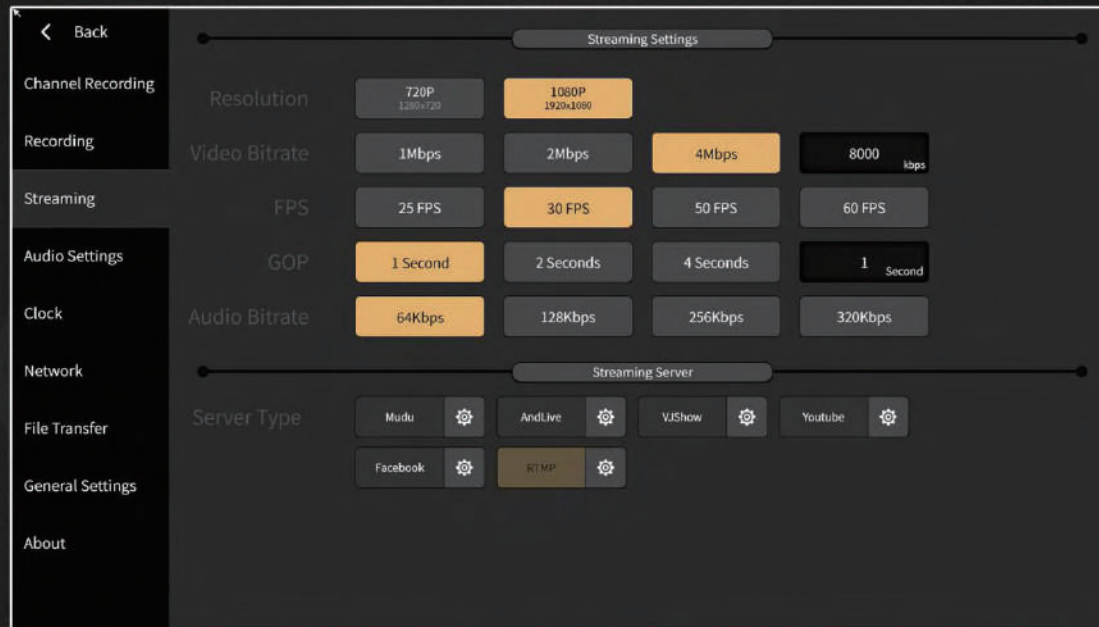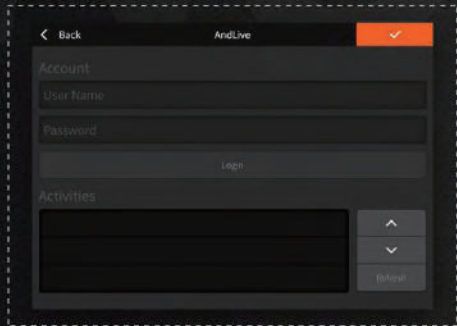
Multi-platform live streaming

Built-in live streaming of multiple live platforms (Mudu, AndLive, Facebook, YouTube, RTMP, etc.); stream to multiple live platforms with one click.
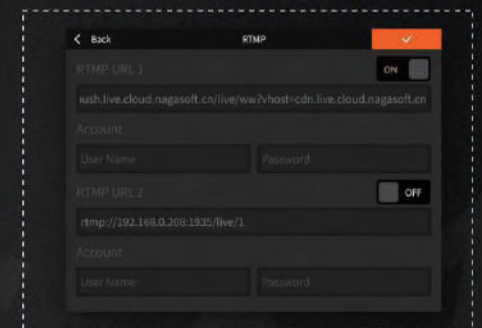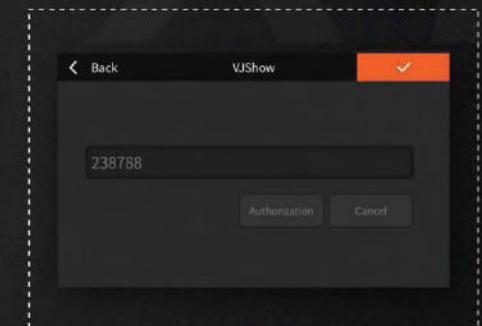

PGM streaming with Mudu configuration
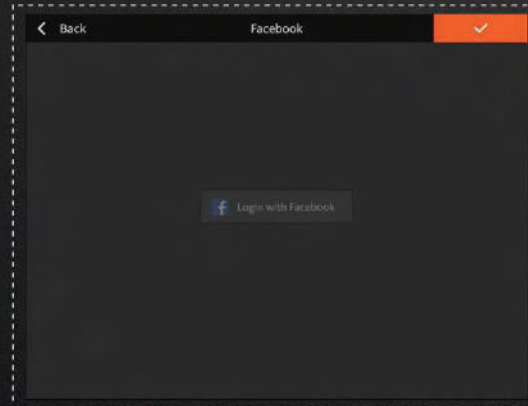
PGM streaming with AndLive configuration
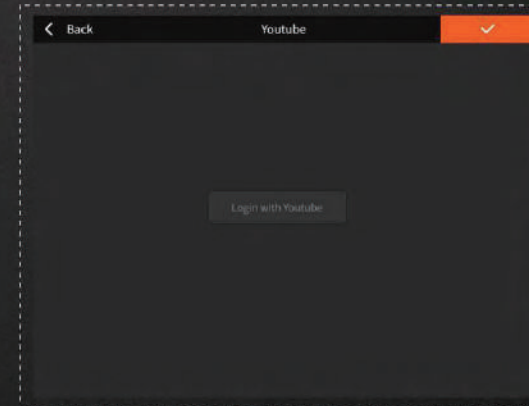
PGM streaming with Facebook configuration

PGM streaming with Youtube configuration

PGM streaming with RTMP configuration

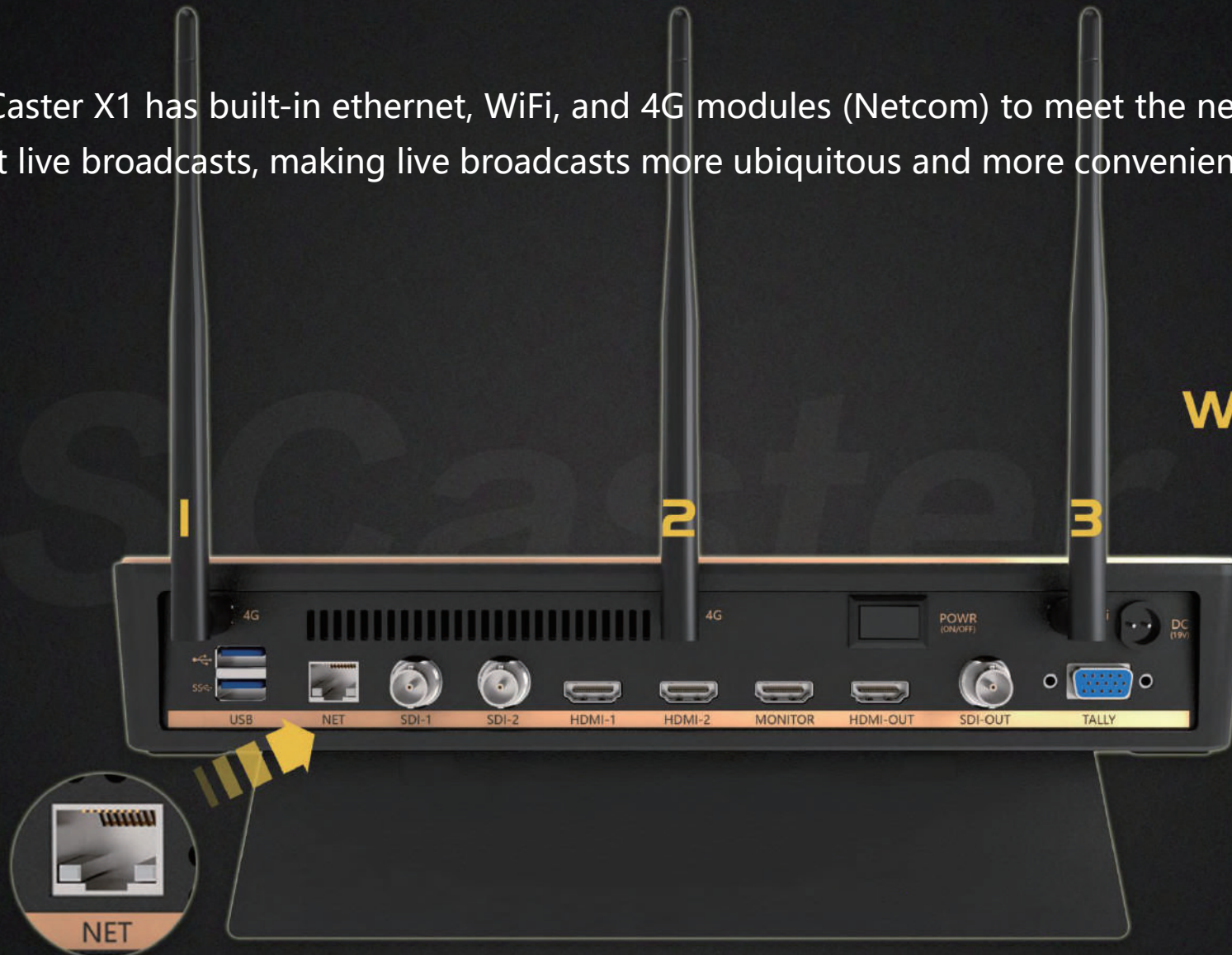PGM streaming with RTMP configuration

Network support

NSCaster X1 has built-in ethernet, WiFi, and 4G modules (Netcom) to meet the network needs of different live broadcasts, making live broadcasts more ubiquitous and more convenient.

Wifi+4G

1   2   3

4G   4G   POWR (ON/OFF)   DC (19V)

USB   NET   SDI-1   SDI-2   HDMI-1   HDMI-2   MONITOR   HDMI-OUT   SDI-OUT   TALLY

NET

Ethernet port

Live+ connection

With the Naga NDDIP protocol, front-end devices such as smartphones and encoders do not need to be wired. Simply scan the QR code on the NSCaster X1 or enter the 6-digit director code to instantly connect to the NSCaster X1, making the live stream easier and faster.
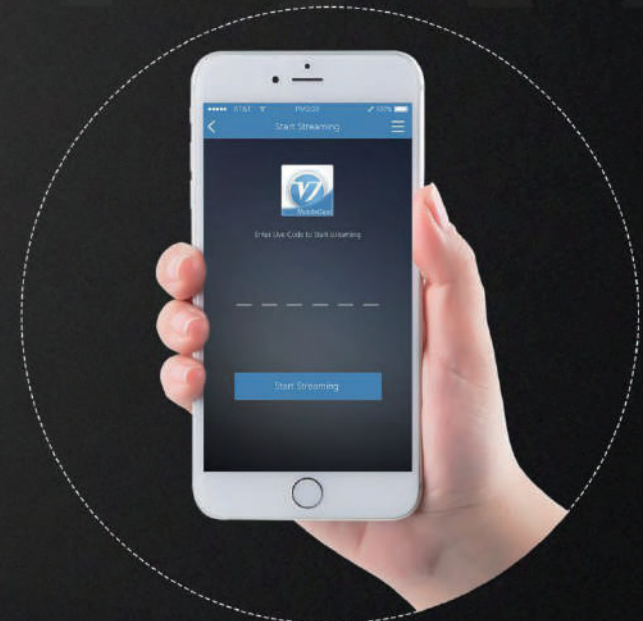
Scan QR code

OR

Enter the director code

Input channel customization

NSCaster X1 has powerful video access capability, it supports channel customization, and can select various video source inputs such as physical input, IP camera input and network streaming to meet various live broadcast requirements.

- 4 camera channels (2 SDI+2 SDI),
- 1 NET channel IP input
- 1 DDR channel for local mp4,

- Graphics overlay with no resolution restrictions up to 1920*1080

NSCaster X1 supports operating PTZ camera such as zoom, focus, aperture operation, up, down, left, right, top left, bottom left, top right, bottom right movement. It also supports drag and drop arbitrary position, and quickly locates the target.

Supports controlling up to 4 PTZ cameras. (4 camera channels for each)

NSCaster-X1

Chassis	Portable case, built-in with 11.6-inch high-definition touch screen
Dimensions	294mm*193mm*54mm (W x H x D)
Weight	1.25KG
Powered by	100~240V AC
Transport box	Carton
Operating temperature	-10-50℃
Storage temperature	-20-70℃
Operating humidity	10~90% no condensation
Impact resistance	15g
Vibration resistance	10-100Hz 1.25g
Altitude	Below 4000 meters

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