

Ultimate Portable
Live Production
Solution
NSCaster

Professional Live Studio in one Suitcase

Nagasoftware
www.nagashare.com



NSCaster

- Software
- Hardware
- Service

NSCaster is a powerful live broadcasting device, it has lots of powerful features, including 3D trackless virtual scene, multiple input channels transition, recording, broadcasting, streaming, audio mixer, delay broadcasting, subtitles, Multiview, PTZ camera control, remote connection and multiple channels GPU chromakey etc. NSCaster, all in one, easy to setup, easy to use. It just needs simple equipments and a few staff to quickly set up a professional studio and to produce high-quality video programs.

- Multiple cameras input, switching, recording, streaming and broadcasting.
- Multiple type cameras input support, SDI/HDMI/Analog cameras, IP cameras, iPhone/iPad cameras, sports cameras, UAV aerial cameras, etc.
- Two DDR channels for media files and PPT files playing.
- NET channels for input network streaming sources.
- VGA channel for capture VGA.
- 3D Trackless Virtual Scene.
- Over 230 professional transition effects, User can create transition effect with effect editor.
- Over 40 professional virtual scenes, User can create virtual scene with virtual scene editor.
- Real-time GPU chromakey for all input channels.
- Reliable recording with avi, mpeg2-ps/ts, mp4, flv and wmv.
- Powerful streaming with mms, rtmp, udp ts, youtube etc.
- Channel recording and streaming.
- Grab support.
- MultiView.
- Projector output with graphic card.
- Physical output with output card.
- TALLY output.
- External professional control keyboard.
- Delay broadcast for broadcast safety.
- Built-in professional audio mixer.
- Subtitle, Logo, Clock and CG.
- Remote subtitle/CG publish.
- Remote connection for remote interview.
- Remote desktop for capture remote desktop by IP network.
- PTZ camera control with RS485, RS232 and ONVIF.
- Freeze frame.
- External and internal CG Editor.
- Built-in transition effect editor.
- Built-in virtual scene editor.
- Remote camera support for iPhone and iPad.
- IP camera input.
- Social media support.
- Channel overlay.
- Customize input channels count and type.
- System resource monitor.
- Professional user interface.

NSCaster-350

Video Input/Output

- 4 Channels SDI/HD-SDI/3G-SDI Video and Audio Input (HD/SD Compatible)
- 1 Channel Full Interface (SDI/HD-SDI/3G-SDI/HDMI/DVI/VGA/Components) Video and Audio Input (HD/SD Compatible)
- 1 Channel SDI / HD-SDI, HDMI Video and Audio Out (HD and SD Compatible)
- 1 x VGA/DVI/HDMI/DP Multiview
- 5 x VGA/DVI/HDMI/DP Projection

Audio Input/Output

- 1 x 1/4" TRS Stereo Mic Input, Support +48 Phantom Power
- 1 x 1/4" TRS Stereo Line Input
- 2 x 1/4" TRS Stereo Output
- 1 x 3.5 mm Audio Input and Output

Interface

- 1 x RS232 COM Input
- 6 Channel TALLY Output
- 1 x PS/2 Keyboard Connector
- 1 x PS/2 Mouse Connector
- 2 x USB 3.0/2.0 Connector
- 4 x USB 2.0/1.1 Connector
- 1 x Gigabit RJ45 Network Connector

Build-in Device

- Build-in Single Screen 17.3" Full HD Widescreen Monitor
- Build-in Keyboard, Mouse, and Touchpad
- Build-In Audio Speaker
- Build-In DVD Burner
- Build-In WIFI Wireless Network Card



NSCaster-350

Configuration

- CPU: Intel Core i7-4790K
- Memory: 2 x 8GB DDR3 1600
- OS Storage: 128G SSD
- Data Storage: 1TB SATA3 HDD
- Graphic Card: Nvidia Geforce GTX960 2GB
- Chassis: ACME Portable EMP373 Single Screen
- Carrying Case: Customized Air Cargo Case
- OS: Window 7 Professional 64-bit (English)
- Weight: 15KG



NSCaster-351

Video Input/Output

- 4 Channels SDI/HD-SDI/3G-SDI Video and Audio Input (HD/SD Compatible)
- 1 Channel Full Interface (SDI/HD-SDI/3G-SDI/HDMI/DVI/VGA/Components) Video and Audio Input (HD/SD Compatible)
- 1 Channel SDI / HD-SDI, HDMI Video and Audio Out (HD and SD Compatible)
- 1 x VGA/DVI/HDMI/DP Multiview
- 5 x VGA/DVI/HDMI/DP Projection

Audio Input/Output

- 1 x 1/4" TRS Stereo Mic Input, Support +48 Phantom Power
- 1 x 1/4" TRS Stereo Line Input
- 2 x 1/4" TRS Stereo Output
- 1 x 3.5 mm Audio Input and Output

Interface

- 1 x RS232 COM Input
- 6 Channel TALLY Output
- 1 x PS/2 Keyboard Connector
- 1 x PS/2 Mouse Connector
- 2 x USB 3.0/2.0 Connector
- 4 x USB 2.0/1.1 Connector
- 1 x Gigabit RJ45 Network Connector

Build-in Device

- Build-in Dual Screen 23" Full HD Widescreen Monitor
- Build-in Keyboard, Mouse, and Touchpad
- Build-In Audio Speaker
- Build-In DVD Burner
- Build-In WIFI Wireless Network Card



NSCaster-351

Configuration

- CPU: Intel Core i7-4790K
- Memory: 2 x 8GB DDR3 1600
- OS Storage: 128G SSD
- Data Storage: 1TB SATA3 HDD
- Graphic Card: Nvidia Geforce GTX960 2GB
- Chassis: ACME Portable MEGPAC L2 Dual Screen
- Carrying Case: Customized Air Cargo Case
- OS: Window 7 Professional 64-bit (English)
- Weight: 36KG



NSCaster-358A

Video Input/Output

- 4 Channels SDI/HD-SDI/3G-SDI Video and Audio Input (HD/SD Compatible).
- 1 Channel Full Interface (SDI/HD-SDI/3G-SDI/HDMI/DVI/VGA/Components) Video and Audio Input (HD/SD Compatible).
- 1 Channel SDI / HD-SDI, HDMI Video and Audio Out (HD and SD Compatible).
- 1 x VGA/DVI/HDMI/DP Multiview
- 5 x VGA/DVI/HDMI/DP Projection



NSCaster-358A

Interface

- 1 x RS232 COM Input
- 8 Channel TALLY Output
- 2 x USB 3.0/2.0 Connector
- 4 x USB 2.0/1.1 Connector
- 1 x Gigabit RJ45 Network Connector

Build-in Device

- Build-in Single Screen 17.3" Full HD Widescreen Monitor
- Build-in Keyboard, Mouse, and Touchpad
- Build-in Switcher Keyboard
- Build-In Audio Speaker
- Build-In DVD Burner
- Build-In WIFI Wireless Network Card

Audio Input/Output

- Build-in Audio Mixer.
- 4 Channels Balanced XLR Mic Input (Support +48 Phantom Power).
- 4 Channels Balanced 1/4" TRS Line Input.
- 1 Channel 3.5 mm Mic Input.
- 1 Channel 3.5mm Line Input.
- 1 Channels 3.5mm Talk Input.
- 2 Channels Balanced XLR Line Output.
- 2 Channels Balanced 1/4" TRS Line Output.
- 1 Channel 3.5mm Line Output.
- 1 Channels 3.5mm Talk Output.

Configuration

- CPU: Intel Core i7-4790K
- Memory: 2 x 8GB DDR3 1600
- OS Storage: 128G SSD
- Data Storage: 1TB SATA3 HDD
- Display Card: Nvidia Geforce GTX750Ti 2GB
- Chassis: ACME Portable Single Screen
- Carrying Case: Customized Air Cargo Case
- OS: Window 7 Professional 64-bit (English)
- Weight: 10KG



Profile



Plan view



Interface

NSCaster-370

Video Input/Output

- 6 Channels SDI/HD-SDI/3G-SDI Video and Audio Input (HD/SD Compatible)
- 1 Channel SDI REF Input
- 1 Channel Full Interface (SDI/HD-SDI/3G-SDI/HDMI/DVI/VGA/Components) Video and Audio Input (HD/SD Compatible)
- 2 Channel SDI / HD-SDI Video and Audio Out (HD and SD Compatible), including bypass feature
- 1 x VGA/DVI/HDMI/DP Multiview
- 5 x VGA/DVI/HDMI/DP Projection

Audio Input/Output

- 1 x 1/4" TRS Stereo Mic Input, Support +48 Phantom Power
- 1 x 1/4" TRS Stereo Line Input
- 2 x 1/4" TRS Stereo Output
- 1 x 3.5 mm Audio Input and Output

Interface

- 1 x RS232 COM Input
- 6 Channel TALLY Output
- 1 x PS/2 Keyboard Connector
- 1 x PS/2 Mouse Connector
- 2 x USB 3.0/2.0 Connector
- 4 x USB 2.0/1.1 Connector
- 1 x Gigabit RJ45 Network Connector

Build-in Device

- Build-in Single Screen 17.3" Full HD Widescreen Monitor
- Build-in Keyboard, Mouse, and Touchpad
- Build-In Audio Speaker
- Build-In DVD Burner
- Build-In WIFI Wireless Network Card



NSCaster-370

Configuration

- CPU: Intel Core i7-4790K
- Memory: 2 x 8GB DDR3 1600
- OS Storage: 128G SSD
- Data Storage: 1TB SATA3 HDD
- Display Card: Nvidia Geforce GTX960 2GB
- Chassis: ACME Portable EMP373 Single Screen
- Carrying Case: Customized Air Cargo Case
- OS: Window 7 Professional 64-bit (English)
- Weight: 15KG



Profile



Interface



Chassis

NSCaster-371

Video Input/Output

- 6 Channels SDI/HD-SDI/3G-SDI Video and Audio Input (HD/SD Compatible)
- 1 Channel SDI REF Input
- 1 Channel Full Interface (SDI/HD-SDI/3G-SDI/HDMI/DVI/VGA/Components) Video and Audio Input (HD/SD Compatible)
- 2 Channel SDI / HD-SDI Video and Audio Out (HD and SD Compatible), including bypass feature
- 1 x VGA/DVI/HDMI/DP Multiview
- 5 x VGA/DVI/HDMI/DP Projection



NSCaster-371

Configuration

- CPU: Intel Core i7-4790K
- Memory: 2 x 8GB DDR3 1600
- OS Storage: 128G SSD
- Data Storage: 1TB SATA3 HDD
- Display Card: Nvidia Geforce GTX960 2GB
- (6)Chassis: ACME Portable MEGPAC L2 Dual Screen
- Carrying Case: Customized Air Cargo Case
- OS: Window 7 Professional 64-bit (English)
- Weight: 15KG

Audio Input/Output

- 1 x 1/4" TRS Stereo Mic Input, Support +48 Phantom Power
- 1 x 1/4" TRS Stereo Line Input
- 2 x 1/4" TRS Stereo Output
- 1 x 3.5 mm Audio Input and Output

Interface

- 1 x RS232 COM Input
- 6 Channel TALLY Output
- 1 x PS/2 Keyboard Connector
- 1 x PS/2 Mouse Connector
- 2 x USB 3.0/2.0 Connector
- 4 x USB 2.0/1.1 Connector
- 1 x Gigabit RJ45 Network Connector

Build-in Device

- Build-in Dual Screen 23" Full HD Widescreen Monitor
- Build-in Keyboard, Mouse, and Touchpad
- Build-In Audio Speaker
- Build-In DVD Burner
- Build-In WIFI Wireless Network Card



Profile



Interface



Chassis

NSCaster-Keyboard



NCP-350

85 color keys.

24 PGM and PVW color keys in 17x17mm size.

CUT and AUTO color keys in 17x17mm size.

59 function color keys in 15x15mm size.

Output audio mixer with audio fader and audio meter.

Including switching T-Bar, CUT and AUTO switching keys.

Including virtual scene control keys.

Including DDR control keys.

Including recording/streaming/output control keys.

Including LOGO/Subtitle/Clock control keys.

Including transition effect and transition speed control knob.

Including four-dimensional camera PTZ rocker.

Including two TALLY ports for 8 channels TALLY output.

Use USB or COM connection.

Size:459 x 237 x 38(mm)

Weight:3.14KG

93 color keys.

30 PGM and PVW color keys in 17x17mm size.

CUT and AUTO color keys in 17x17mm size.

61 function color keys in 15x15mm size.

Output audio mixer with audio fader and audio meter.

Including switching T-Bar, CUT and AUTO switching keys.

Including virtual scene control keys.

Including DDR control keys.

Including recording/streaming/output control keys.

Including LOGO/Subtitle/Clock control keys.

Including transition effect and transition speed control knob.

Including four-dimensional camera PTZ rocker.

Including two TALLY ports for 8 channels TALLY output.

Use USB or COM connection.

Size:503 x 237 x 28(mm)

Weight:3.5KG



NCP-370



Live Event Streaming



Network TV Station



Live Sports Streaming



Concerts Live Streaming



Wedding Live Streaming



Live Training Streaming

NSCaster Application

Models



NSCaster-350



NSCaster-351

Case	Portable Case Built-in 17.3" Full HD monitor	Portable Case Built-in two 23" Full HD monitor
Video Format	SD/HD	SD/HD
Total Channels	12	12
Video Input Channels	5	5
NET Channels	1	1
DDR Channels	2	2
VI Channels	4	4
Video Input	4 x SDI/HD-SDI/3G-SDI 1 x SDI/HDMI/DVI/VGA/Compone	4 x SDI/HD-SDI/3G-SDI 1 x SDI/HDMI/DVI/VGA/Compone
Audio Input	1 Channel 1/4" TRS Stereo Mic Input (Support +48 Phantom Power). 1 Channel 1/4" TRS Stereo Line Input. 1 Channel 3.5 mm Mic Input. 1 Channel 3.5 mm Line Input. SDI/HDMI Embedded Audio.	1 Channel 1/4" TRS Stereo Mic Input (Support +48 Phantom Power). 1 Channel 1/4" TRS Stereo Line Input. 1 Channel 3.5 mm Mic Input. 1 Channel 3.5 mm Line Input. SDI/HDMI Embedded Audio.
Video Output	1 x SDI/HD-SDI 1 x HDMI	1 x SDI/HD-SDI 1 x HDMI
Audio Output	2 Channels 1/4" TRS Stereo Line Output. 1 Channel 3.5 mm Output. SDI/HDMI Embedded Audio.	2 Channels 1/4" TRS Stereo Line Output. 1 Channel 3.5 mm Output. SDI/HDMI Embedded Audio.
MultiView	✓	✓
Projector Output	✓	✓
TALLY	6 Channels	6 Channels
Intercom System	External	External
Control Keyboard	NCP350	NCP350
Bypass Relay		
Storage	128GB SSD 1TB SATA HDD	128GB SSD 1TB SATA HDD
Hot-Plugging SATA HDD		5 Slots
Built-in Keyboard and Mouse	✓	✓
Built-in Speaker	✓	✓
Built-in DVD R/W	✓	✓
Built-in WIFI	✓	✓
Built-in Gigabit Ethernet	1	1
USB2.0	4	4
USB3.0	2	2
PGM/PVW/Channels Monitor	✓	✓
Recording	avi/mpg/ts/mp4/flv/wmv	avi/mpg/ts/mp4/flv/wmv
Channel Recording	5	5
Channel Streaming	5	5
Streaming	mms/rtmp/udp ts	mms/rtmp/udp ts
Grab	✓	✓
Delay Broadcast	✓	✓
Transition Effect Count	232	232
3D Trackless Virtual Scene	✓	✓
Built-in Virtual Set Count	30	30
Built-in Audio Mixer	✓	✓
Subtitle	✓	✓
CG	✓	✓
Logo	4	4
Clock	✓	✓
Remote Subtitle/CG Publish	✓	✓
Remote Connection	✓	✓
Remote Desktop	✓	✓
PTZ Control	✓	✓
ChromeKey	✓	✓
Freeze Frame	✓	✓
CG Editor	✓	✓
Transition Effect Editor	✓	✓
Remote Camera (iPhone/iPad)	✓	✓
IP Camera Input	✓	✓
Social Media Support	✓	✓
Channel Overlay	✓	✓
Built-in CG Editor	✓	✓
Customize Channels Count and Type	✓	✓

Models



NSCaster-358A



NSCaster-370



NSCaster-371

Case	Portable Case Built-in 17.3" Full HD monitor	Portable Case Built-in 17.3" Full HD monitor	Portable Case Built-in two 23" Full HD monitor
Video Format	SD/HD	SD/HD	SD/HD
Total Channels	12	15	15
Video Input Channels	5	7	7
NET Channels	1	2	2
DDR Channels	2	2	2
VI Channels	4	4	4
Video Input	4 x SDI/HD-SDI/3G-SDI 1 x SDI/HDMI/DVI/VGA/Compone	6 x SDI/HD-SDI/3G-SDI 1 x SDI/HDMI/DVI/VGA/Compone	6 x SDI/HD-SDI/3G-SDI 1 x SDI/HDMI/DVI/VGA/Compone
Audio Input	4 Channels Balanced XLR Mic Input (Support +48 Phantom Power). 4 Channels Balanced 1/4" TRS Line Input. 1 Channel 3.5 mm Mic Input. 1 Channel 3.5mm Line Input. 1 Channels 3.5mm Talk Input. SDI/HDMI Embedded Audio	1 Channel 1/4" TRS Stereo Mic Input (Support +48 Phantom Power). 1 Channel 1/4" TRS Stereo Line Input. 1 Channel 3.5 mm Mic Input. 1 Channel 3.5 mm Line Input. SDI/HDMI Embedded Audio.	1 Channel 1/4" TRS Stereo Mic Input (Support +48 Phantom Power). 1 Channel 1/4" TRS Stereo Line Input. 1 Channel 3.5 mm Mic Input. 1 Channel 3.5 mm Line Input. SDI/HDMI Embedded Audio.
Video Output	1 x SDI/HD-SDI 1 x HDMI	2 x SDI/HD-SDI	2 x SDI/HD-SDI
Audio Output	2 Channels Balanced XLR Line Output. 2 Channels Balanced 1/4" TRS Line Output. 1 Channel 3.5mm Line Output. 1 Channels 3.5mm Talk Output. SDI/HDMI Embedded Audio.	2 Channels 1/4" TRS Stereo Line Output. 1 Channel 3.5 mm Output. SDI/HDMI Embedded Audio.	2 Channels 1/4" TRS Stereo Line Output. 1 Channel 3.5 mm Output. SDI/HDMI Embedded Audio.
MultiView	✓	✓	✓
Projector Output	✓	✓	✓
TALLY	8 Channels	8 Channels	8 Channels
Intercom System	Built-in 2.4G Intercom System	External	External
Control Keyboard	Built-in	NCP370	NCP370
Bypass Relay		✓	✓
Storage	128GB SSD 1TB SATA HDD	128GB SSD 1TB SATA HDD	128GB SSD 1TB SATA HDD
Hot-Plugging SATA HDD	1 Slots		5 Slots
Built-in Keyboard and Mouse	✓	✓	✓
Built-in Speaker	✓	✓	✓
Built-in DVD R/W	✓	✓	✓
Built-in WIFI	✓	✓	✓
Built-in Gigabit Ethernet	1	1	1
USB2.0	2	4	4
USB3.0	4	2	2
PGM/PVW/Channels Monitor	✓	✓	✓
Recording	avi/mpg/ts/mp4/flv/wmv	avi/mpg/ts/mp4/flv/wmv	avi/mpg/ts/mp4/flv/wmv
Channel Recording	5	5	5
Channel Streaming	5	5	5
Streaming	mms/rtmp/udp ts	mms/rtmp/udp ts	mms/rtmp/udp ts
Grab	✓	✓	✓
Delay Broadcast	✓	✓	✓
Transition Effect Count	232	232	232
3D Trackless Virtual Scene	✓	✓	✓
Built-in Virtual Set Count	30	30	30
Built-in Audio Mixer	✓	✓	✓
Subtitle	✓	✓	✓
CG	✓	✓	✓
Logo	4	4	4
Clock	✓	✓	✓
Remote Subtitle/CG Publish	✓	✓	✓
Remote Connection	✓	✓	✓
Remote Desktop	✓	✓	✓
PTZ Control	✓	✓	✓
ChromeKey	✓	✓	✓
Freeze Frame	✓	✓	✓
CG Editor	✓	✓	✓
Transition Effect Editor	✓	✓	✓
Remote Camera (iPhone/iPad)	✓	✓	✓
IP Camera Input	✓	✓	✓
Social Media Support	✓	✓	✓
Channel Overlay	✓	✓	✓
Built-in CG Editor	✓	✓	✓
Customize Channels Count and Type	✓	✓	✓

Nagasoftware

Your Live Production Expert

Business Partner

ACME Portable Machines, Inc

Web: www.acmeportable.com

EMAIL: sales@acmeportable.com

Tel: +1.626.610.1888

Address: 1330 Mountain View Circle Azusa, CA 91702, USA

NANJING NAGA SOFT Co., Ltd

Web: www.nagashare.com

EMAIL: marketing@nagashare.com

Tel: +86 (20) 37570234 / +86 13912943431

Skype: nagasoftware / bournehl

Address: (Nanjing Office) Room 701-702, Fuying Building A, Tuanjie Road No.100, Gaoxin qu, Nanjing, Jiangsu Province, China.

(Guangzhou Office) 2129, Tianying Creative Park, 288#, TangAn Street, Tianhe District, Guangzhou, Guangdong, China.



Website