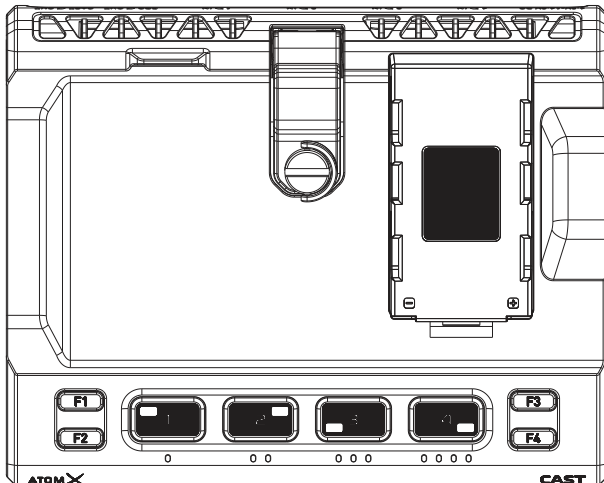


Simple Switching and Broadcast features for everyone

AtomX CAST is a modular companion that transforms the Ninja V/V+ into a 4 input HDMI switcher. The combination of the Ninja V and AtomX CAST becomes the Ninja CAST, a fully functional stand-alone switcher with an integrated high quality 5" HDR touchscreen monitor with multi-view, broadcast quality recording and physical buttons - that can be used anywhere and does not require a computer to function. The flexible control options allow you to use either the touchscreen or the physical buttons to 'switch' between sources when deciding what should be on screen at any one time for broadcast.

You don't need to be a video professional to create broadcast quality multi-camera programs, as Ninja CAST appears as a high-quality webcam to your computer, and it works immediately with your video applications like Zoom, Teams and Skype without the need to install drivers on the computer. Use features like logos, graphics and picture in picture to make your productions look incredible, and enhance your online meetings, presentations, conferences, remote learning/training, virtual conferences or demonstrations

Key Features

- Transform Ninja V/V+ into a 4 x HDMI input switcher
- Overlay custom graphics, logos, lower thirds for content branding
- Picture in Picture effect with any combination of inputs
- WebCAST - Plug and Play UVC connection to your favorite software such as Zoom, MS Teams, Skype, OBS and more
- BroadCAST - quality switching and recording in Apple ProRes and Avid DNx
- MultiCAST - Simultaneously Record, Stream and output to local displays
- Touch Screen and Physical buttons with LED status indicators
- Separate HDMI outputs - Dedicated Program out and Multifunction on Ninja V/V+ for Multiview, Preview or Program
- Audio Input and switching options with support for embedded, analogue inputs and Audio follow Video
- Easy, quick deployment and reliable - Simply Connect, Switch and Stream

Price

US\$399 ex. tax | €399 ex. tax

SKU: ATOMXCST01

UPC: 814164022422

AtomX Cast - Technical specifications

Physical Specifications

Weight	485g / 1.06lbs
Dimensions (Control Unit)	129 x 49 x 160 (with out Ninja V/V+)
Mount Points	Anti rotational 1/4" 20 / 3/8 on base of unit

Construction

Body	ABS plastic with locking arm for Ninja V/V+
Cooling	Passive
Tally light	Record tally Via Ninja V/V+, Program and Preview illumination on CAST buttons
Control Button	4 x Switching, 4 x Function
AtomXpansion slot	To connect to Ninja V/V+ (no module pass through)

Power

Input Voltage	6.2V to 16.8V
DC in connector	Lock DC connector from Ninja V/V+ DC power supply
Battery	Via optional Atomos DC to DTAP cable

Display - Via Ninja V/V+

Touchscreen	SuperAtom IPS panel (capacitive touch)
Size	5.2"
Resolution	1920 x 1080
Brightness	1000nits
Aspect Ratio	16:9
Color Gamut	Rec.709

Video Input

HDMI	4 x HDMI 1.4b up to 1080p60
Bit Depth	10-bit
Video Chroma Subsampling	4 2 2
HDCP copy protection	No

Video Output

Via CAST	HDMI 1.4b up to 1080p60 - Program ONLY
Via Ninja V/V+	Multi functions out - Program, Preview, Multiview
Multiview	Yes, via Ninja V/V+ Display or HDMI output
OS overlays	Optional via Ninja V/V+ HDMI out
Video Chroma Subsampling	4 2 2
Bit Depth	10-bit

Web Streaming

USB UVC	USB-C up to 1080p30
---------	---------------------

Audio In/Out

Audio Quality	24/48kHz
Audio Codec	PCM
HDMI	2ch 24-Bit, input dependent per input
Analogue Audio in	3.5mm via Ninja V/V+
Headphone out	3.5mm via Ninja V/V+

Timecode / Sync

Embedded	HDMI
----------	------

Resolution & Frame Rates

FHD 1920 x 1080 Progressive	23.98/24/25/29.9/30/50/59.94/60
FHD 1920 x 1080 PsF	No
FHD 1920 x 1080 Interlaced	50/59.94/60*
1280 x 720p	No
SD PAL / NTSC	No

Program Recording CODEC via Ninja V/V+

Apple ProRes	LT, 422, 422HQ
Avid DNxHD	DNxHD 220x,220,145,36 (Free activation key via visit my.Atomos.com)

Recording Functions

Switched Program Record	Clean or CAST Program feed via Ninja V/V+
-------------------------	---

Multi Input / Switching

Multiple HDMI input	Up to 4 x HDMI up to 1080p60
Multiview Display	Quad input display on Ninja V/V+ Display
Multiview Ouput	Via Ninja V/V+ HDMI out
Picture in Picture (PIP)	Any input over Any input, 4 positions in small or large size PIP
Graphic overlays	Select layout for Stored Graphics in Ninja V/V+ and save configured scene presets
Media pool storage	Upload and Store Graphics in Ninja V/V+
Input Processing	I > P and frame rate conversion
Transitions	Fade in / out and Dip to - White or Black

Supported Media

Master Caddy II	Yes
SSDmini	Yes, requires the included AtomX SSD mini handle adaptor
File System	ExFat

Onboard Signal Processing

Pulldown removal	Interlaced to Progressive on Input and USB stream *
------------------	---

What's in the Box?

Accessories included	AtomX CAST, USB-C cable and SSDmini Handle Adaptor
Optional extras	ATOMDTPCB2 - Dtap to DC cable, ATOMDCK004 - USB-C 3.1 Docking Station, ATOMDCK003 USB-A 3.0 Docking Station

Compatible With

Atomos Product	Requires Ninja V/V+
----------------	---------------------

Warranty

Standard	1 year.
----------	---------

Please note: Specifications are subject to change without notice. All information correct at time of publishing.

*via Interlaced to Progress signal pull down conversion