



NEXUS

4K VIDEO/AUDIO CAPTURE

Introduction

Thank you for purchasing Atomos Nexus, our HDMI to USB converter that allows you to take 4K (up to 30p), HD (up to 60p) or 720p (up to 60p) sources and output the same resolution and frame rate up to a maximum of 1080p60 ready for connection to the USB input on a computer and out to your choice of streaming platform.

Checklist

Package includes:

- **1 x Atomos Nexus HDMI to USB Converter**
- **1 x User manual**

You will also need (sold separately)

HDMI cable to connect from the output of your device (camera, Atomos recorder) and into the Nexus HDMI input. Atomos have a range of 4Kp60 cables with die cast connectors and coiled cables in a range of lengths and connections (sold separately).

See the full range of Atomos HDMI cables on our website:
www.atomos.com/hdmi-cables.

Specifications

- HDMI input resolution up to 4Kp30.
 - USB output resolution up to 1080p60 (YUV.JPEG).
 - Supports 8/10/12-bit deep color.
 - Supports certified AWG26 HDMI cables up to 15 meters.
 - Supports popular acquisition software on Windows, Android & Mac OS.
 - Conforms to USB Video and UVC standard.
 - Conforms to USB Audio UAC standard (L-PCM format).
 - No external power required.
 - Maximum working current 0.4A / 5V DC.
 - Operating temperature range -10 to +55 °C.
 - Dimensions (L x W x H) 64 x 28 x 13mm.
 - Weight 21.4g.
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System requirements

Minimum computer hardware requirements:

- PC i5-3400 or above.
 - NB i7-3537U 2.0GHZ or above.
 - Graphics card: PC NVIDIA GT630 or above.
 - NC NVIDIA GT735M or above
 - Run memory: 4G RAM
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Getting started

Nexus has been designed with minimal setup in mind. No drivers are required and no power supply either, meaning it really is a simple matter of connecting your Atomos or HDMI device to your Mac or PC and the Atomos Nexus automatically converts your input to the widely supported USB Video Class (UVC) standard.

Step 1:

Insert a HDMI cable (sold separately) to the output on your HDMI source and to the HDMI input on the Atomos Nexus.

Step 2:

Insert the USB output directly to your laptop/Mac/PC or using a USB extension cable.

Step 3a:

For software programs with direct UVC support (Skype, MS Teams, Zoom etc) minimal setup is required. You may need to grant these applications permission to access the audio and video feed from the Atomos Nexus on your Mac/PC but then it is simply a case of selecting “USB Video” as your video source and “USB Digital Audio” as your audio source in the settings of the program

Step 3b:

For software programs such as OBS, Xsplit etc the Atomos Nexus is seen as a Video Capture Card.

Follow the instructions for each relevant software to import, add graphical overlays and stream to CDNs such as YouTube live, Twitch, Facebook Live and more.

Warranty and conditions

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If during the warranty period the product is shown to be defective Atomos may at its option:

a) replace the goods or supply equivalent ones, b) repair the goods, c) pay the cost of replacing the goods or of acquiring equivalent ones or d) paying the cost of having the goods repaired; The customer must notify Atomos of any defect in the goods in writing prior to the expiry of the warranty periods set out above. The customer will be solely responsible for returning the goods to Atomos or its authorized distributor. Upon acceptance of a warranty claim by Atomos, where Atomos repairs or replaces the goods, it will be responsible for reasonable shipping costs incurred in sending the goods to the Customer, provided that customer is located in a country in which Atomos has an authorized distributor or repair center or agent.

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- Improper or negligent acts or omissions;
- Unauthorized repairs or attempted repairs;
- Tampering with or modification of the goods;
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