![ATEN — Simply Better Connections]

Stream to USB Capture

RTMP to UVC Streaming Software
User Manual

User Information

Online Registration

Be sure to register your product at our online support center:

International	http://eservice.aten.com

Telephone Support

For telephone support, call this number:

International	886-2-8692-6959
China	86-400-810-0-810
Japan	81-3-5615-5811
Korea	82-2-467-6789
North America	1-888-999-ATEN ext 4988
	1-949-428-1111

User Notice

All information, documentation, and specifications contained in this manual are subject to change without prior notification by the manufacturer. The manufacturer makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties as to merchantability or fitness for any particular purpose. Any of the manufacturer's software described in this manual is sold or licensed *as is*. Should the programs prove defective following their purchase, the buyer (and not the manufacturer, its distributor, or its dealer), assumes the entire cost of all necessary servicing, repair and any incidental or consequential damages resulting from any defect in the software.

Product Information

For information about all ATEN products and how they can help you connect without limits, visit ATEN on the Web or contact an ATEN Authorized Reseller. Visit ATEN on the Web for a list of locations and telephone numbers:

International	http://www.aten.com
North America	http://www.aten-usa.com

Contents

About this Manual

This manual is provided to help you get the most out of your Stream to USB Capture. It covers all aspects of the device, including installation, configuration, and operation.

Items covered in this manual include:

Model	Product Name
Stream to USB Capture	RTMP to UVC Streaming Software

An overview of the information covered is provided below.

Chapter 1, Introduction introduces you to Stream to USB Capture, with its purpose, features, and components described.

Chapter 2, Getting Started provides a video streaming capture flowchart that covers all of the steps that are involved in capturing video streams from ATEN video streaming devices.

Chapter 3, Settings describes other settings provided by Stream to USB Capture, including warning messages and mirroring video streams.

Appendix provides technical support and warranty information.

Note:

◆ Read this manual thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit or connected devices.

◆ ATEN regularly updates its product documentation for new features and fixes. For an up-to-date Stream to USB Capture documentation, visit http://www.aten.com/global/en/

Conventions

This manual uses the following conventions:

|	
Monospaced	Indicates text that you should key in.
[ ]	Indicates keys you should press. For example, [Enter] means to press the **Enter** key. If keys need to be chorded, they appear together in the same bracket with a plus sign between them: [Ctrl+Alt].
1.	Numbered lists represent procedures with sequential steps.
♦	Bullet lists provide information, but do not involve sequential steps.
>	Indicates selecting consecutive options (such as on a menu or dialog box). For example, Start > Run means to open the *Start* menu, and then select *Run*.
⚠	Indicates critical information.

Chapter 1
Introduction

Overview

ATEN **Stream to USB Capture** is an easy-to-use video streaming capture software that can capture RTMP video streams from ATEN video streaming devices, such as UC9020 and UC9040, and then convert them into UVC format to be used on a Windows computer.
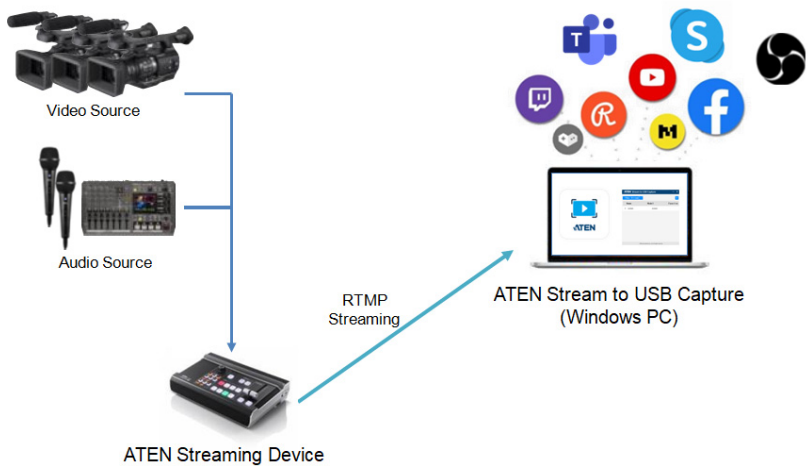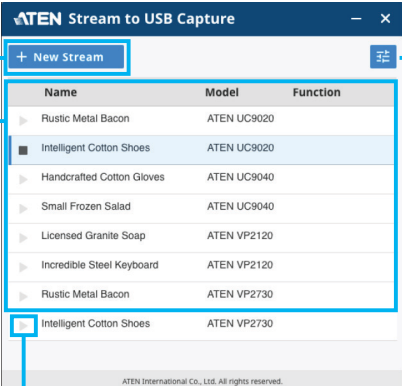

Features

- Converting RTMP streams to UVC signals
- Auto discovery of multiple ATEN streaming devices within the LAN
- Notifications and warning messages upon ending and switching streams
- Ability to be integrated with 3rd-party applications, such as MS Teams, Zoom, etc.

Stream to USB Capture GUI
(Graphical User Interface)

Below provides a quick look at the Stream to USB Capture software.

adds new ATEN video streaming devices within the LAN

accesses advanced settings, such as warning messages

displays and manages ATEN video streaming devices currently added

plays / stops a video stream
(only 1 stream can be played at a time)

example of a video stream being played

<div align="right">

Chapter 2
Getting Started

</div>

Video Streaming Flowchart

Refer to the flowchart below that will guide you through how to use the **Stream to USB Capture** software from start to finish.

■ Preparation

1. What to prepare?

    see *1. Items to Prepare*, page 4

2. How to install Stream to USB Capture?

    see *2. Installing Stream to USB Capture on Your Computer*, page 5

■ Adding ATEN Streaming Devices

3. How to add ATEN streaming devices?

    see *3. Adding ATEN Streaming Devices*, page 6

■ Playing a Video Stream

4. How to play a video stream?

    see *4. Playing a Video Stream*, page 10

■ Advanced Functions

5. What other functions does Stream to USB Capture provide?

    see *Settings*, page 11

1. Items to Prepare

Below is a list of items you should prepare before using your Stream to USB Capture software.

- 1 computer (for *Stream to USB Capture*) with the following specs:

Stream to USB Capture system requirements	
OS	Windows 10 (64-bit)
Processor	Intel multi-core i5/7 series 2.5 GHz (or AMD equivalent) or above
Memory	8 GB RAM or above

- At least 1 ATEN streaming device within the same LAN, as exemplified below.

Examples of ATEN streaming devices	
UC9020	StreamLive™ HD All-in-one Multi-channel AV Mixer
UC9040	StreamLIVE™ PRO All-in-one Multi-channel AV Mixer

2. Installing Stream to USB Capture on Your Computer

1. On your computer, install **Stream to USB Capture** by executing *Install_ATEN_Stream_to_USB_Capture_64bit_Vx.x.xxx.exe* and following the on-screen instructions.

2. Once installed, launch ATEN Stream to USB Capture. The following graphical user interface (GUI) appears.
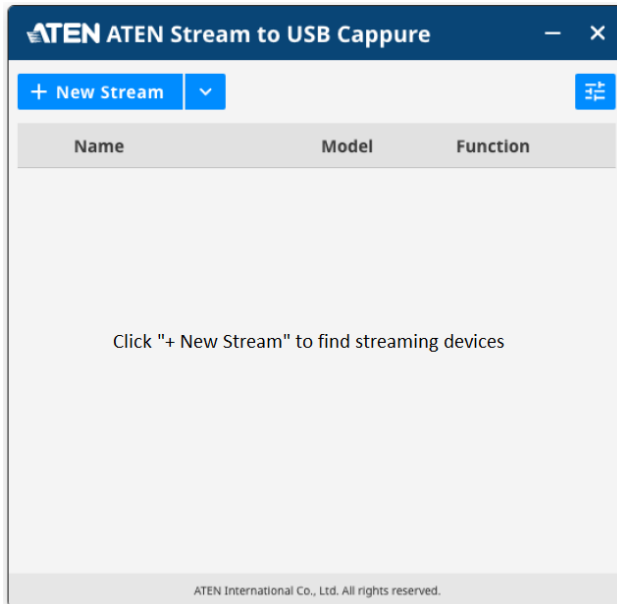
Click **+ New Stream** and follow the on-screen instructions to start adding ATEN streaming devices. See *3. Adding ATEN Streaming Devices*, page 6, for details.

3. Adding ATEN Streaming Devices

When clicking **+ New Stream** , you are provided with 2 methods of adding ATEN streaming devices:
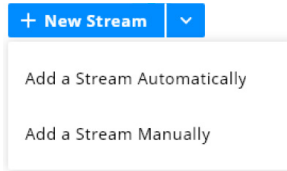
Option	Description
Add a Stream Automatically	Adds ATEN streaming devices by searching for them within the LAN. See *Adding Streaming Devices Automatically*, page 6.
Add a Stream Manually	Adds a specific ATEN streaming device by entering its information. See *Adding Streaming Devices Manually*, page 8.

Adding Streaming Devices Automatically

1. Click and **Add a Stream Automatically**.
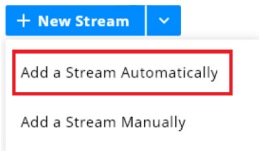
2. Wait for the software to search for all ATEN streaming devices within the LAN. Once finished, all available streaming devices are listed.
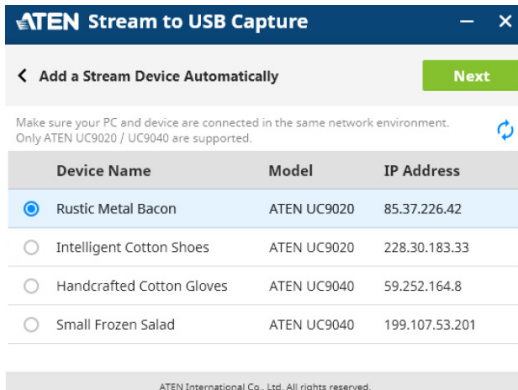
3. Select a streaming device you want to add and click **Next**.

4. A *Username*, *Password, Stream Key*, and *Network Adapter* shall be automatically generated /selected. Optionally define a *Name* for the streaming device.

5. Click **Add** to finish.

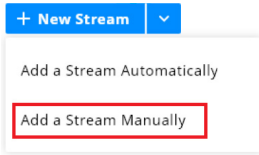6. Once successfully added, the following success icon appears and the streaming device is added to your device list.

Adding Streaming Devices Manually

1. Click ⌄ and **Add a Stream Manually**.

2. Enter the information of the ATEN streaming device you want to add.
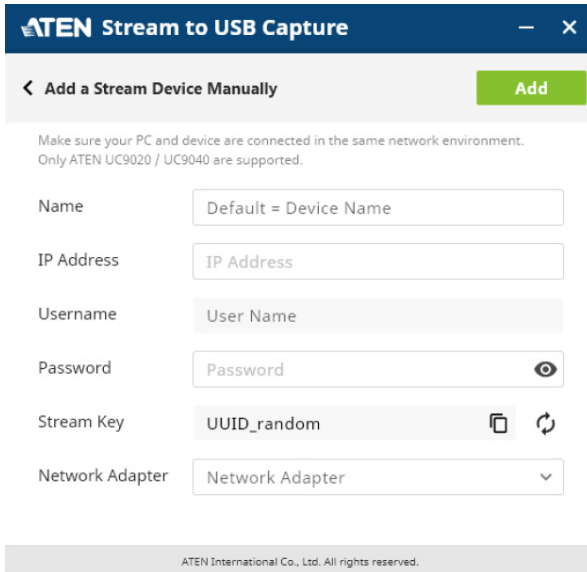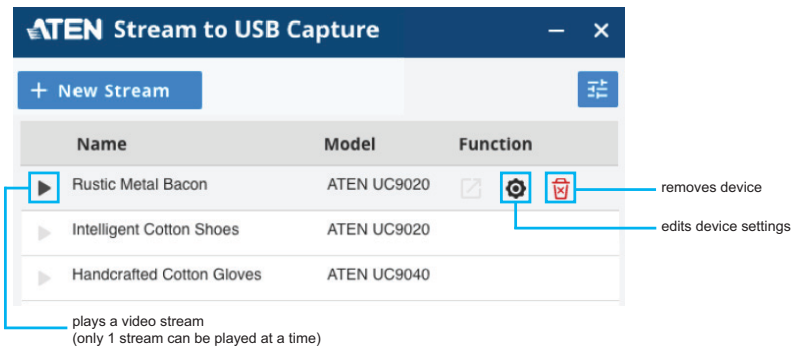
- ◆ **Name:** Optionally define a desired name for the streaming device you are adding.

- ◆ **IP Address:** Type the IP address of the streaming device you are adding.

- ◆ **Username / Password:** Upon adding the streaming device, a username and password are generated automatically.

- ◆ **Stream Key:** Upon adding the streaming device, a designated stream key is generated automatically.

- ◆ **Network Adapter:** If you have more than 1 network adapter, select the one you want to use.

3. After entering the required information, click **Add** to finish.

4. Once successfully added, the following success icon appears.
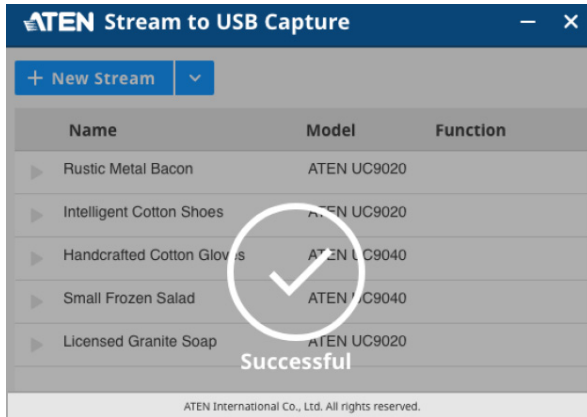

Your Streaming Device List

After adding the desired streaming devices, you can select any one of them to edit its settings or remove it, as illustrated below.
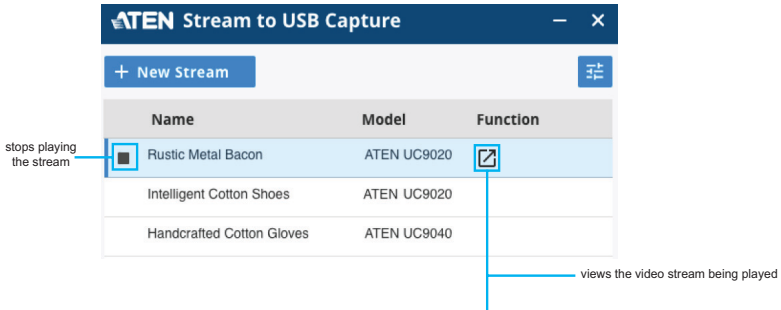

removes device

edits device settings

plays a video stream
(only 1 stream can be played at a time)

4. Playing a Video Stream

To play and view a video stream, do the following

1. Select a desired streaming device and click ▶ to play its video stream, as exemplified below.
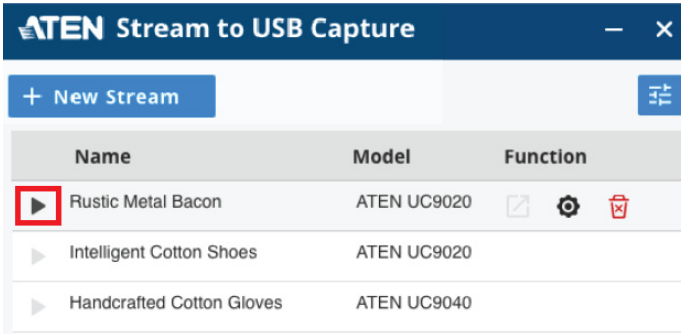
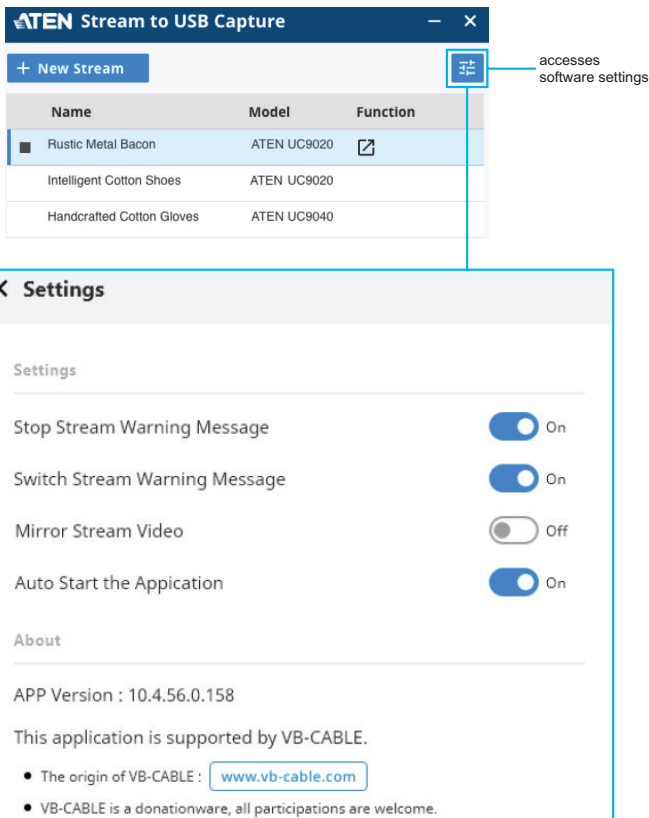2. Once the video stream starts playing, you can view it by clicking 🔲, as exemplified below.

Settings

This chapter covers other settings provided by Stream to USB Capture, as listed below.

◆ Warning messages upon stopping or switching streams

◆ Mirroring video streams

◆ Automatic starting of the software

Accessing Software Settings

To access Stream to USB Capture's *Settings* page, click [icon], as demonstrated below.

<u>Setting Options</u>

Options	Description
Stop Stream Warning Message	Enable to display warning messages upon stopping a video stream.
Switch Stream Warning Message	Enable to display warning messages upon switching from one video stream to another.
Mirror Stream Video	Enable to mirror the video stream being played, as illustrated below. mirror stream disabled mirror stream enabled
Auto Start the Application	Enable to automatically start the software upon starting your computer.

Appendix

Technical Support

International

- For online technical support – including troubleshooting, documentation, and software updates: http://support.aten.com
- For telephone support, see *Telephone Support*, page ii:

North America

Email Support		support@aten-usa.com
Online Technical Support	Troubleshooting Documentation Software Updates	http://www.aten-usa.com/support
Telephone Support		1-888-999-ATEN ext 4988 1-949-428-1111

When you contact us, please have the following information ready beforehand:

- Product model number, serial number, and date of purchase
- Your computer configuration, including operating system, revision level, expansion cards, and software
- Any error messages displayed at the time the error occurred
- The sequence of operations that led up to the error
- Any other information you feel may be of help

Limited Warranty

ATEN warrants its hardware in the country of purchase against flaws in materials and workmanship for a Warranty Period of two [2] years (warranty period may vary in certain regions/countries) commencing on the date of original purchase. This warranty period includes the LCD panel of ATEN LCD KVM switches. Select products are warranted for an additional year (see *A+ Warranty* for further details). Cables and accessories are not covered by the Standard Warranty.

What is covered by the Limited Hardware Warranty
ATEN will provide a repair service, without charge, during the Warranty Period. If a product is detective, ATEN will, at its discretion, have the option to (1) repair said product with new or repaired components, or (2) replace the entire product with an identical product or with a similar product which fulfills the same function as the defective product. Replaced products assume the warranty of the original product for the remaining period or a period of 90 days, whichever is longer. When the products or components are replaced, the replacing articles shall become customer property and the replaced articles shall become the property of ATEN.

To learn more about our warranty policies, please visit our website:
http://www.aten.com/global/en/legal/policies/warranty-policy/