ATEN

USB 3 Extender Cable

UE3310 / UE3315A

User Manual

www.aten.com

EMC Information

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT: This equipment has been tested and found to comply with the limits for a Class B digital service, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Any changes or modifications made to this equipment may void the user's authority to operate this equipment. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

* Reorient or relocate the receiving antenna.
* Increase the separation between the equipment and receiver.
* Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
* Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

KCC Statement:

유선 제품용 / B 급 기기 (가정용 방송 통신 기기)
이 기기는 가정용 (B 급) 전자파적합기기로서 주로 가정에서 사용하는
것을 목적으로 하며 , 모든 지역에서 사용할 수 있습니다 .

RoHS

This product is RoHS compliant.

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.

The manufacturer of this system is not responsible for any radio and/or TV interference caused by unauthorized modifications to this device. It is the responsibility of the user to correct such interference.

The manufacturer is not responsible for any damage incurred in the operation of this system if the correct operational voltage setting was not selected prior to operation. PLEASE VERIFY THAT THE VOLTAGE SETTING IS CORRECT BEFORE USE.

Package Contents

1 UE3310 / UE3315A USB 3 Extender Cable

1 Power Adapter

1 Extension Cable

1 User Instructions

Note: Make sure that ll of the components are present and in good order. If anything is missing or was damaged in shipping, contact your dealer.

Table of Contents

About this Manual

This user manual is provided to help you get the most from the UE3310 / UE3315A unit. It covers all aspects of installation, configuration, and operation. An overview of the information found in the manual is provided below.

Chapter 1, *Introduction* introduces you to the UE3310 / UE3315A USB 3 Extender Cable. Its purpose, features, and panel components are presented and described.

Chapter 2, *Hardware Setup* describes the steps that are necessary to quickly and safely set up your installation.

An *Appendix* provides a list of safety instructions and precautions, contact information for ATEN technical support, product specifications, and other technical information.

Note:

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

- ◆ ATEN regularly updates its product documentation for new features and fixes. For an up-to-date UE3310 / UE3315A 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 the option (on a menu or dialog box, for example), that comes next. For example, Start → Run means to open the *Start* menu, and then select *Run*.
⚠	Indicates critical information.

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

This Page Intentionally Left Blank

<div align="right">

Chapter 1
Introduction

</div>

Overview

The ATEN UE3310 / UE3315A USB 3 Extender Cable allows you to extend the distance between your computer and your USB peripherals by 10 / 15 meters. Unlike typical cables the UE3310 / UE3315A is an active extension cable. The UE3310 / UE3315A provides a reliable, high performance transmission that utilizes USB 3 data bandwidth up to 5Gb/s and also backward compatible with USB 2.0/1.1 standard. The USB can be powered through the computer via the extender cable. It's plug and play and no additional software installation required, makes it easy to deploy and operate on the fields.

The UE3310 / UE3315A provides a quick and high quality cost effective solution for all kinds of professional environments like: hospitals, factories, or business facilities.
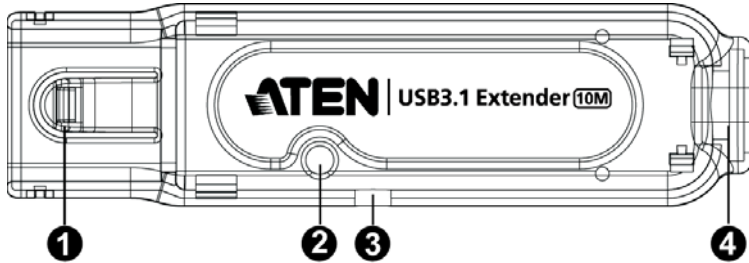
Features

- Supports USB 3 Specification (5 Gbps)
- Ultra slim lightweight design
- Unique locker head design for long-distance extension usage – daisy-chain a further one unit for a maximum distance of up to 30 m (UE3315A) and a further four units for a maximum distance of up to 50 m (UE3310)
- Multiplatform support – Windows and Mac
- Additional power supply included

Requirements

To complete the installation, you will also require the following items that are not included with the product:
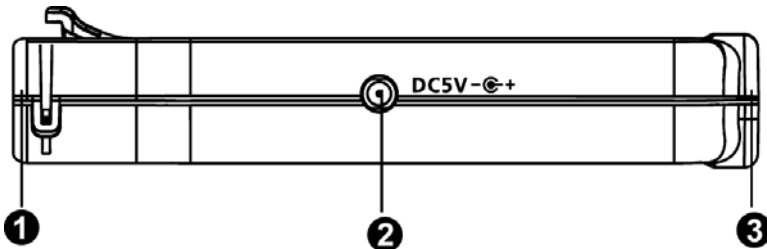
- USB 1.1, 2.0, or 3 compatible computer (host computer) with a USB compliant operating system
- USB 1.1, 2.0, or 3 compatible device

The UE3310 / UE3315A Top View

ITEM	TYPE	DESCRIPTION
1	USB Connector	Connect the USB peripherals to the USB Connector.
2	Power LED	LED lights green when power is on and the UE3310 / UE3315A is connected.
3	AC Power Adapter Port	Use this port to connect a power adapter.
4	USB lock	Used to connect to the host device (computer).

The UE3310 / UE3315A Side View

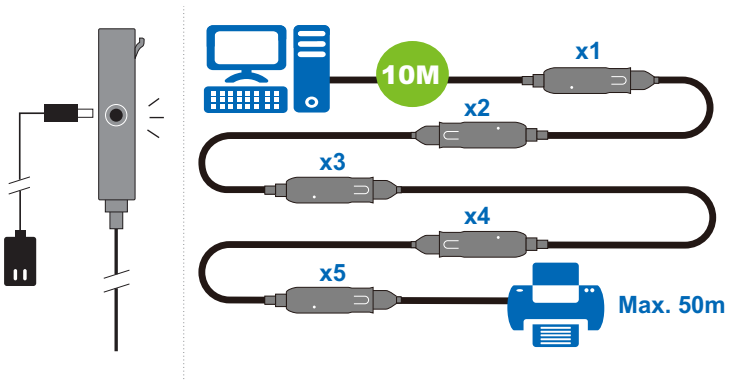| ITEM	TYPE	DESCRIPTION
1	USB Connector	Connect the USB peripherals to the USB Connector.
2	AC Power Adapter Port	Use this port to daisy chain other UE3310 / UE3315A extender cables.
3	USB lock	Used to connect to the host device (computer).

Hardware Setup

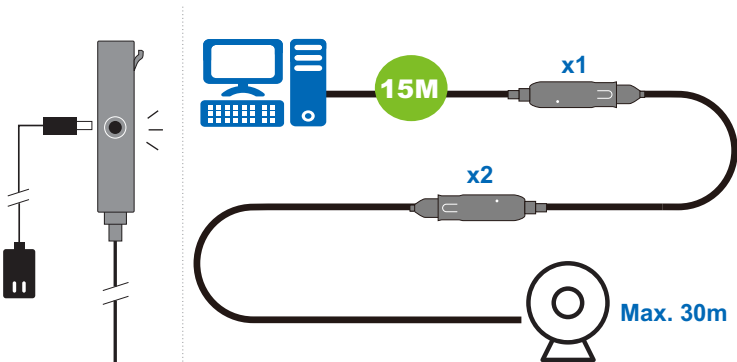⚠️ Please review the safety information regarding the placement of this device in *Safety Instructions*, page 5.

Connecting the UE3310 / UE3315A Unit

Follow the steps below to connect the UE3310 / UE3315A units.

UE3310

UE3315A

Before you can install the UE3310 / UE3315A, you need to:

1. Connect your UE3310 / UE3315A to the computer's USB port.

2. Use the UE3310 / UE3315A extender cable to connect the computer to your USB peripheral device.

3. Turn on your computer, and your USB device.

(Optional) To utilize the maximum extended distance follow these steps:

1. Attach additional USB 3 Extender Cables (up to 30 meters maximum for UE3315A or 50 meters maximum for UE3310) to the installation using a daisy chain configuration.

2. Use a power adapter if used in a daisy chain configuration. If the USB devices have high usage consumption you may need to add extra power adapters. The power adapter should be attached to the last USB connector in the daisy chain set up.

Daisy Chaining

To extend the signal to a greater distance, up to 30 meters maximum for UE3315A or 50 meters maximum for UE3310. Extender cables can easily be daisy chained from the original UE3310 / UE3315A via a unique daisy chain port.

The maximum number of cables that can be daisy chained together is dependent on cable model number. The UE3310 can connect a total of 5 cables and the UE3315A can connect a total of 2 cables. The UE3310 and UE3315A can be combined together using a daisy chain set up. Be aware that all setups should be on the premise of there is up to 5 layers of Hub under one USB host controller.

Connecting a USB Device

If the USB device's connector is too small to fit the connection on the USB extender cable Type A female lock, then use the extension cable to connect your device.

Compatibility

Compatible with USB 3 specifications and backwards compatibility with USB 1.1/2.0 governing the design of USB devices. However, ATEN does not guarantee that all USB devices are compatible with the UE3310 / UE3315A, as there are a number of different configurations that may impact the operation of USB devices over extended distances.

Appendix

Safety Instructions

General

- This product is for indoor use only.
- Read all of these instructions. Save them for future reference.
- Follow all warnings and instructions marked on the device.
- Do not place the device on any unstable surface (cart, stand, table, etc.). If the device falls, serious damage will result.
- Do not use the device near water.
- Do not place the device near, or over, radiators or heat registers.
- The device cabinet is provided with slots and openings to allow for adequate ventilation. To ensure reliable operation, and to protect against overheating, these openings must never be blocked or covered.
- The device should never be placed on a soft surface (bed, sofa, rug, etc.) as this will block its ventilation openings. Likewise, the device should not be placed in a built in enclosure unless adequate ventilation has been provided.
- Never spill liquid of any kind on the device.
- Unplug the device from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- The device should be operated from the type of power source indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- To prevent damage to your installation it is important that all devices are properly grounded.
- Do not allow anything to rest on the power cord or cables. Route the power cord and cables so that they cannot be stepped on or tripped over.
- Position system cables and power cables carefully; Be sure that nothing rests on any cables.
- Never push objects of any kind into or through cabinet slots. They may touch dangerous voltage points or short out parts resulting in a risk of fire or electrical shock.
- Do not attempt to service the device yourself. Refer all servicing to qualified service personnel.

- If the following conditions occur, unplug the device from the wall outlet and bring it to qualified service personnel for repair.
  - The power cord or plug has become damaged or frayed.
  - Liquid has been spilled into the device.
  - The device has been exposed to rain or water.
  - The device has been dropped, or the cabinet has been damaged.
  - The device exhibits a distinct change in performance, indicating a need for service.
  - The device does not operate normally when the operating instructions are followed.
- Only adjust those controls that are covered in the operating instructions. Improper adjustment of other controls may result in damage that will require extensive work by a qualified technician to repair.

Technical Support

International

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

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

Specifications

Function		UE3310	UE3315A
Connectors	USB upstream	1 x USB 3 Type A Male (Blue)	1 x USB 3 Type A Male (Blue)
	USB Downstream	1 x USB 3 Type A Female (Blue)	1 x USB 3 Type A Female (Blue)
USB Specifications		USB 3 / 2.0 / 1.1 for Super / High / Full or Low Speed	USB 3 / 2.0 / 1.1 for Super / High / Full or Low Speed
USB Data Rate		Up to 5 Gbps	Up to 5 Gbps
Cable Length		10m	15 m
Device Color		Black	Black
Power Consumption (Watt)		5V, 4.5W	5V, 4.5W
Environmental	Operating Temp.	0–40°C	0–40°C
	Storage Temp.	-20–60°C	-20–60°C
	Humidity	0–80% RH, Non-condensing	0–80% RH, Non-condensing
Physical Properties	Housing	Plastic	Plastic
	Weight	0.76 kg (1.67 lb)	1.19 kg (2.62 lb)
	Dimensions (L x W x H)	8.19 x 2.22 x 1.75 cm (3.22 x 0.87 x 0.69 in.)	8.19 x 2.22 x 1.75 cm (3.22 x 0.87 x 0.69 in.)

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