



**VUSBEXT-U**  
**USB 2.0 Cat. 5/6 Extender - 50M**  
**User Manual**



# INTRODUCTION

This USB.2.0 Extender is capable of sending USB signals across a Cat.5 cable or higher up to 50 meters at a data rate of High Speed (480Mb/s), Full Speed (12Mb/s) and Low Speed (1.5Mb/s). Plug the Cat 5/6 cable into the RJ-45 Connector to set up the extender. It takes only minutes to do so, and there is no configuration or drivers necessary. The USB 2.0 Extender is fully USB 2.0 compliant and it is backward compatible with USB 1.1/1.0.

## PACKAGE CONTENTS

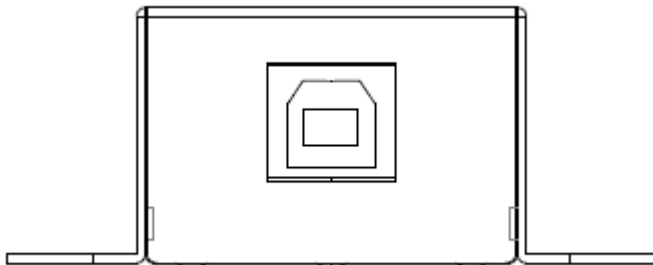
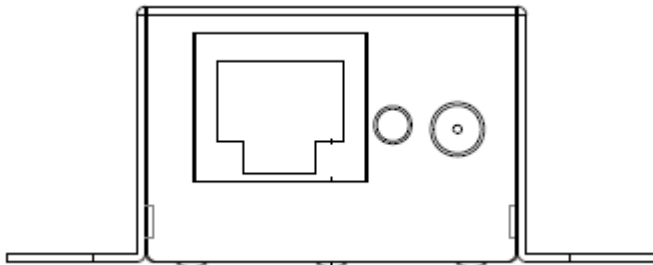
Before installation, please check the items of the package :

- Transmitter Unit
- Receiver Unit
- USB AM-BM cable
- User Manual
- Power Adapter (24V/0.5A)

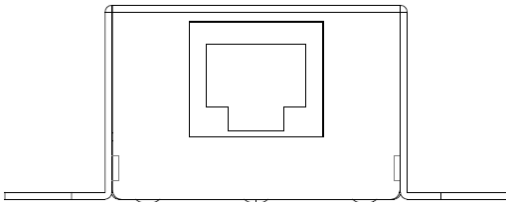
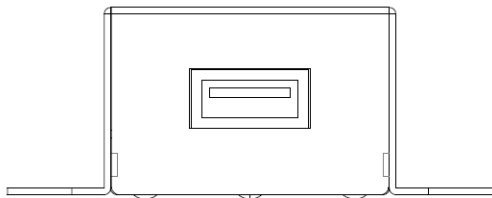
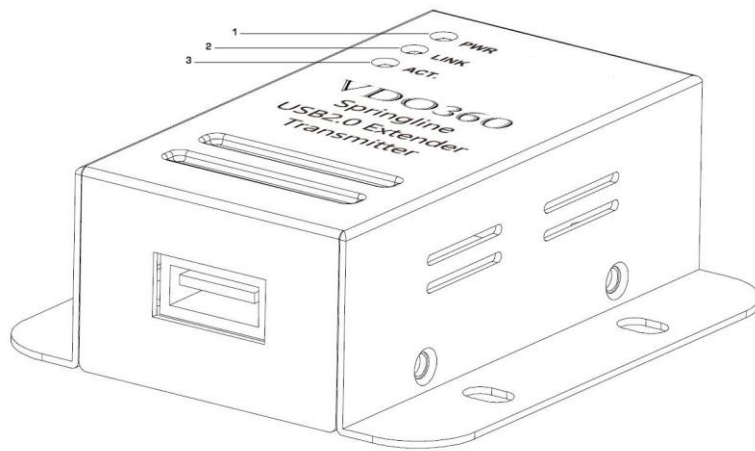
## FEATURES :

- Supports data transfer rates of 1.5Mb/s, 12Mb/s, 480Mb/s
- Product consists of two electronic modules, a "Transmitter unit" and a "Receiver unit".
- Transmitter unit connects to a USB 2.0 Camera/Device.
- Units can be connected by a standard Cat. 5 cable or higher, which can then enable extension of USB devices up to 50m (164 feet).
- Wall mounting integrated in the metal housing
- Support Hot Plug & Play- no software driver is required
- Power supply for Receiver unit included

# Receiver Unit (connected to the PC)



## Transmitter Unit (connected to the camera)



ITEM	TYPE	DESCRIPTION
1	PWR LED (Red)	LED ON power supply is connected to Receiver unit and wall outlet. LED OFF no power is supplied.
2	LINK LED(Green)	LED ON Indicates a valid connection between Transmitter Unit and Receiver Unit has been established via Cat5/6 cables. LED OFF is a bad Cat 5 cable or connector
3	ACT LED(Amber)	The LED FLASHING shows the extender is linked to PC properly & Camera plugged in to downstream Transmitter is sending data. LED ON shows no data is being transmitted

## INSTALLATION :

1. Connect the Receiver Unit to the PC via USB Cable (A Male to B Male).
2. Plug the 24V/0.5A DC Power Supply into the USB 2.0 Extender Receiver Unit.  
Plug the AC power cord of power supply into an available electrical outlet.
3. Connect the USB 2.0 Extender Transmitter Unit and Receiver Unit together with a Cat 5/6 Cable (supplied by user).
4. Connect USB Camera to the Transmitter Unit.
5. Check the LEDs on USB 2.0 Extender Transmitter Unit. Make sure that the Act. LED is flashing which means the extender is powered and communicating.

## System Requirements :

- Windows XP/7/Vista/8/8.1/10 ; Mac OS

## Specifications :

Receiver Unit	Upstream Port	USB Type B Female
	Downstream Port	RJ45 Jack
	Power	Bus-Powered
		Self-Powered 24V/0.5A
Dimensions	66 x 60 x 24 mm	
Transmitter Unit	Upstream Port	RJ45 Jack
	Downstream Port	USB Type A Female
	Dimensions	66 x 60 x 23 mm
Interconnect Cable		Standard LAN Cables
Max Cable Length		50m (164ft)
Operating Temperature		0°C~50°C

## Certifications

This equipment has been tested and found to comply with FCC and CE Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received. Including interference that may cause undesired operation.

## WEEE Information

For EU (European Union) member users:

According to the WEEE Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.



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