

USB Extender

USB 2.0 Extender over CATx 100 meters

With 4 USB Type A Ports, USB 2.0 and USB HID, 100m

Model: UEX-U204-100C

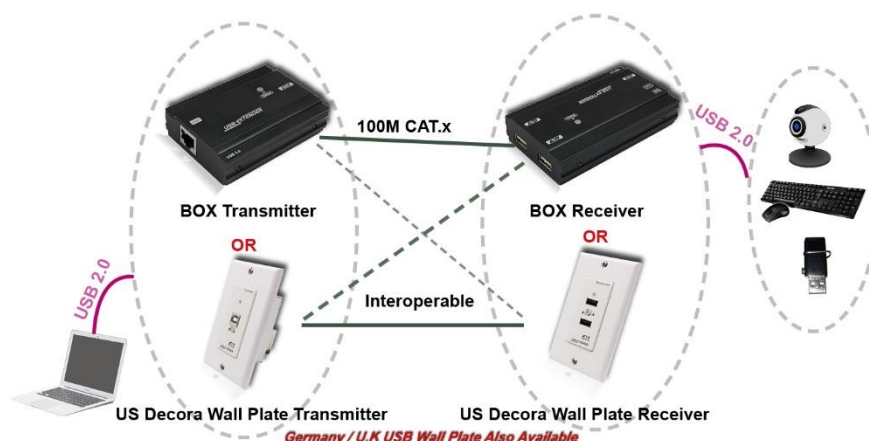
PRODUCT OVERVIEW

UEX-U204-100C is a USB 2.0 Extender that extends 4 x USB 2.0 signals up to 100 meters over a single CATx cable. The USB 2.0 Extender is compatible with Windows, macOS, and Linux operating systems. There is no need to install software or drivers; it is plug and play. The Extender unit provides a durable, high-quality connection, complies with USB 2.0 specifications, and is backward compatible with USB 1.1 and USB 1.0 devices, ensuring reliable data communication.



The USB 2.0 Extender consists of a transmitter and a receiver unit, each equipped with one mini-USB port for 5V DC power supply. The Receiver provides DC 5V, 500mA to each USB-A port, and power supply is not required on the transmitter side when it can draw sufficient power from the host device (PC/Laptop).

DSGio can offers a series of USB 2.0 extender products, including box type and wall plate type families that are interoperable. This allows a box type transmitter to be connected to a wall plate type receiver via CATx cable, and vice versa. Also available is the Single Gang Wallplate compatible with UEX-U204-100C.



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KEY FEATURES

- Extends USB 2.0 devices up to 100m (330ft) over standard CATx cable
- Provides 4 USB-A Ports on the Receiver, with support for USB Hubs to increase port availability
- Compatible with various USB devices including keyboards, mice, Touch Panels, wireless HID, USB storage, and USB cameras (up to 1080P)
- Interoperability with U.K., U.S. (DECORA Standard), and Germany Wall Plates; Compatible with Single, Duo, and Triple Gang designs
- Plug-and-Play, no software or driver required
- Local Unit Powered by Host Computer
- Supports Windows, Mac, Linux, and Chrome OS
- Downward compatible with USB 1.0 and 1.1
- Ideal for Office, Education, Government, House of Worship, and Home Entertainment applications

PRODUCT SPECIFICATIONS

UEX-U204-100C	Local Unit	Remote Unit
USB 2.0 Port	Mini-USB x 1 (Host)	USB-A x 4 (Device)
Link Port	RJ-45 x 1	RJ-45 x 1
LED Indicator (Power / Status)	1	1
Extension Distance (Max.)*	100m	
Power Supply	USB DC 5V (From Computer)	DC 5V (Mini-USB)
Operating Environment	0 ~ 40°C, Humidity < 80%	0 ~ 40°C, Humidity < 80%
Storage Temperature	-20 ~ 60°C	-20 ~ 60°C
Enclosure	Aluminium Metal	
H x W x D (mm)	22 x 60 x 80	22 x 60 x 100
Weight (g)	110	150

* The extension distance is based on a single CAT5e/6 24AWG solid cable without cascading. STP cabling is recommended for environments with high EMI or RFI. For optimal performance, avoid using stranded or thinner cables and refrain from coiling excess cable lengths.

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CONNECTION DIAGRAM



Connection Interfaces of the Local and Remote Unit:



Transmitter

Receiver

USB Extender

PACKAGE CONTENTS

- 1 × UEX-U204-100C Local Unit
- 1 × UEX-U204-100C Remote Unit
- 2 × USB Mini-to-A Cable
- 1 × DC 5V Power Supply
- 2 × Foot Pad Set
- 1 × User Manual

WARRANTY

- 1-Year Limited Warranty
- Advance Replacement Warranty is available and optional

ORDERING INFORMATION

Part Number	Descriptions
UEX-U204-100C	USB 2.0 Extender over CATx, 4 USB-A Ports support USB 2.0 and USB HID, 100m

CONTACT INFORMATION

For more information, please visit our website or contact our customer service team:

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