

DIGITUS USB 3.2 Gen1 Fiber Extender, 5 Gbps, 4 ports: 3x USB-A / 1x USB-C, 20km

DA-73123

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USB Extender, USB 3.2 Gen1, 20km 3x USB-A & 1x USB-C, over LC single-mode cable

This USB extender provides a reliable solution to transmit USB signals over distances of up to 20 kilometers using an LC single-mode fiber optic cable (included) without signal loss. Ideal for use in demanding, wide-area environments such as surveillance systems, data centers, remote monitoring or industrial environments where longer USB connections are required. The USB 3.2 Gen1 standard enables transfer rates of up to 5 Gbps. Nothing stands in the way of a fast and smooth connection of various USB devices such as cameras, hard disks, printers, scanners, keyboards, mice and USB sticks. Thanks to the support of USB 2.0 and 1.1, older devices can also be integrated without any problems. The extender offers maximum flexibility thanks to its four USB inputs (3x USB-A 3.2 Gen1 and 1x USB-C 3.2 Gen1), allowing multiple devices to be operated simultaneously - ideal for working environments with different peripherals. The plug & play design enables easy installation without the need for additional drivers. In addition, the robust metal housing ensures durability and stability, even in demanding industrial environments. Say goodbye to the limitations of traditional USB cables - with this Digitus USB 3.2 Gen1 extender, you can place your USB devices where you need them without compromising on performance.

Overcome the USB cable length limit and connect up to four USB devices over distances of up to 20km with one SC single-mode cable. The 20km USB 3.2 Gen1 extender offers high data rates and is ideal for industrial and surveillance systems.

- Maximum range: 20km (via LC single-mode fiber optic cable)
- USB ports: 4x USB 3.2 Gen1 inputs (3x USB-A 3.2 Gen1, 1x USB-C 3.2 Gen1)
- Transfer rate: Up to 5 Gbps (USB 3.2 Gen1)
- USB 3.2 Gen1 receiver amplifier reduces signal loss
- Protection: ESD protection (electrostatic discharge), overvoltage and lightning protection, short-circuit protection
- With its own power supply, so no external power source is required
- Plug & Play: Simple installation, requires no software
- Ideal for connecting remote devices, e.g. cameras, printers, hard disks, scanners, keyboards, etc.

- Transmitter unit (TX) connections:
 - 1x USB-A input (USB 3.2 Gen1) - connection signal source (notebook, etc.)
 - 1x SFP+ input - STP+ 10G module connection
 - 2x status LED display
 - 2x status power display
- Receiver unit (RX) connections:
 - 4x USB output (USB 3.2 Gen1) - 3x USB-A & 1x USB-C connection mouse, hard disk, keyboard, printer, cameras, etc.
 - 1x SFP+ output - STP+ 10G module connection
 - 1x power supply connection (DC 12V/2A) - external power supply connection
 - 2x status LED display
 - 2x status power display
- Power supply:
 - TX: Via source device
 - RX: DC 12V/2A
- Power consumption:
 - TX: ≤ 2W
 - RX: ≤ 3W
- Operating temperature: -20°C to 60°C
- Power consumption: TX approx. 3.5 W, RX approx. 2.5 W
- Dimensions: L 7.5 x W 2.7 x H 1.7 cm (TX), L 8.5 x W 7.6 x H 2.5 cm (RX)
- Weight: TX 32g, RX 175g
- Housing material: TX: aluminum, RX: metal
- Color: Black

Package contents

- 1x transmitter unit
- 1x transmitter unit
- 2x single-mode SFP module
- 1x single-mode fiber optic cable 10m
- 1x power supply unit (DC 12V/2A) 1.5m
- 1x wall mounting material (brackets, screws)
- 1x earthing screw
- 1x operating instructions

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	10	2.07	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	2.43

More images:



Safety notes

- Overloading can lead to overheating and damage to the appliance or the connected peripherals.
- If necessary, use an external power supply to ensure stable performance.
- If devices such as external hard disks or printers that require a high power consumption are connected, the device should be used with an external power supply. Otherwise, the device could be overloaded or functional problems could occur.
- Do not expose the device to rain, moisture, vapors or liquids.
- Do not insert any objects into the device.
- Do not attempt to repair the unit or open the housing without authorization. You risk an electric shock!
- Ensure adequate ventilation to prevent damage due to overheating.

- Dust, moisture, vapors and strong cleaning agents or solvents can cause damage to the device.
- Disconnect the appliance from the power supply and the connected devices before cleaning.
- Clean the device with a dust-free cloth.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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