

MP-EXT-1

USB-C HUB for Conference System

USB-C	100W PD	HDMI	4K@30Hz
USB	USB 3.2 Gen2	LAN	Gigabit Ethernet

PRODUCT OVERVIEW

MP-EXT-1 is designed to be attached under the meeting desk and support all connections for a conference room. A single USB-C connection to a laptop provides charging, access to room USB devices, 4K video and sound via HDMI, and a wired network connection through the LAN port.

KEY FEATURES

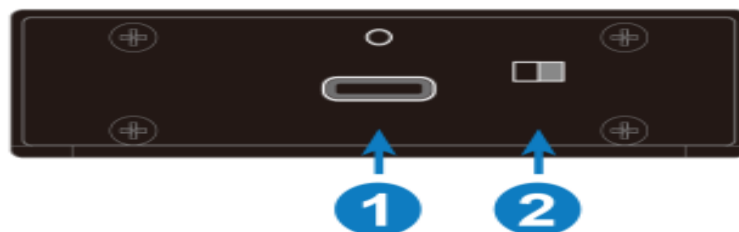
- Supports HDMI 1.4, 4K@30Hz 4:4:4
- USB-C input supports 100W power delivery
- Supports USB 3.2 Gen2 data transfer via USB-C, 10Gbps
- 2 × USB 3.2 Gen1 and 1 × USB 2.0 KVM for camera, keyboard and mouse
- Supports USB power management
- Ethernet Gigabit LAN
- Plug and Play

TECHNICAL SPECIFICATIONS

Category	Specification
Video Input	1 × USB-C
Input Resolution	Up to 4K@60Hz 4:4:4
USB Standard	USB 3.2 Gen2, 10Gbps
Video Output	1 × HDMI
Output Connector	1 × Female Type-A HDMI
HDMI Output Resolution	Up to 4K@30Hz 4:4:4
HDMI Standard	1.4
USB Connectors	1 × USB-C, 3 × USB-A
USB Standards	1 × USB-C: USB 3.2 Gen1; 2 × USB-A: USB 3.2 Gen1; 1 × USB-A: USB 2.0
Ethernet	10/100/1000Base-T
Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	10%–90%
Power Supply	20V / 5A USB-C PSU
Dimensions (W×H×D)	138 × 60.1 × 19.5 mm

PANEL & CONNECTION DETAILS

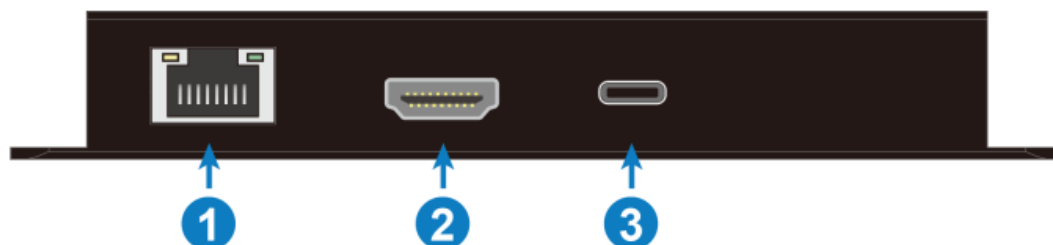
RIGHT SIDE PANEL



① USB-C IN — 1 × Host USB 3.2 Gen2 10 Gbit connector for PC connection.

② USB POWER Management — DIP switch. ON: USB device ports output power all the time. AUTO: follows the host and outputs power when a host is active.

FRONT PANEL

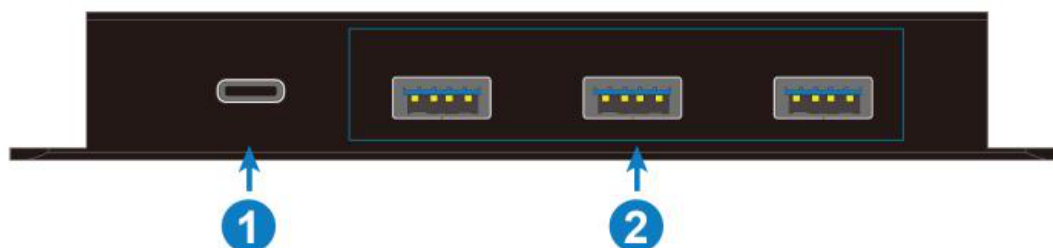


① ETHERNET — 1 × RJ45 port for Ethernet.

② HDMI OUT — 1 × HDMI output, up to 4K@30Hz.

③ USB-C POWER — 1 × USB-C power input for a 100W USB-C power adapter.

REAR PANEL



① USB-C DEVICE — 1 × USB 3.2 Gen1 for HID device connection.

② USB-A DEVICE — 2 × USB 3.2 Gen1 + 1 × USB 2.0 for HID devices.

PACKAGE CONTENTS

1 ×	MP-EXT-1
1 ×	20VDC 5A USB-C PSU
1 ×	Power Cable
1 ×	User Manual

Source: MP-EXT-1 User Manual, Version MP-EXT-1_V1.0. All specifications and connection descriptions in this sheet are based on the supplied manual.