

MP-100UP I

100W USB-C POWER INJECTOR
USB-C • VIDEO • DATA • POWER



POWER. VIDEO. DATA.

The **MP-100UPI** is a compact 100W USB-C power injector designed to deliver USB-C power while maintaining high-bandwidth video and USB data connectivity.

Supports **4K@60Hz 4:4:4** video, up to **10 Gbps** USB data and **PD 3.0** power delivery with 100W injection.

Version: 2025V1.0

KEY PERFORMANCE HIGHLIGHTS

100W	4K@60Hz	10 Gbps
PD 3.0 power injection	4:4:4 video support	USB 3.2 Gen2 data rate

CORE FEATURES

PD 3.0	100W power injection.
DisplayPort Alt Mode	Up to 4K@60Hz 4:4:4 video.
USB Data	Up to 10Gbps USB 3.2 Gen2 data rate.
Firmware Upgrade	Firmware can be upgraded via USB-C.
Locking Input	USB-C input with locking hole.

IDEAL CONNECTION

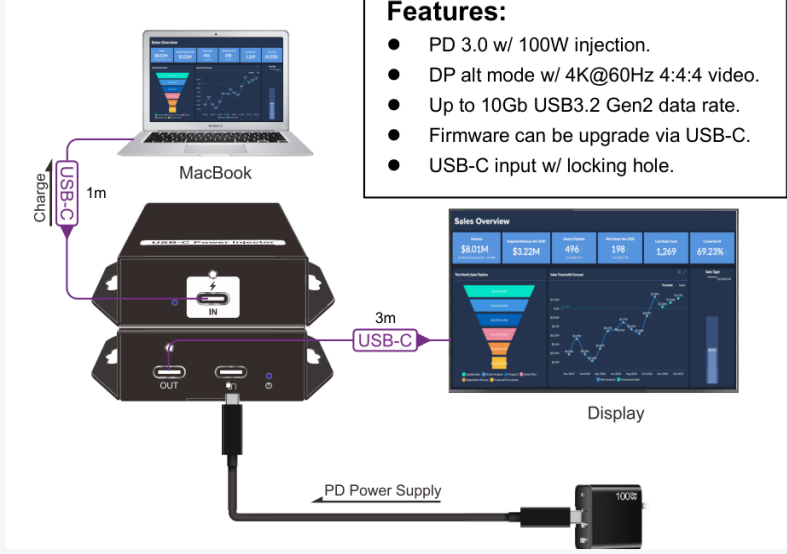
USB-C source device → MP-100UPI → USB-C display, with a PD power supply connected to provide power injection.

The product image is the original embedded artwork from the supplied manual, enlarged and sharpened for improved clarity.

SYSTEM CONNECTION

Typical system arrangement shown in the supplied product manual.

System Diagram



CONNECTION FLOW

USB-C source

MacBook / compatible host



MP-100UPI

100W power injection + USB-C signal pass-through



Display

USB-C display connection

PD Power Supply

Connected to the injector for power delivery

TECHNICAL SPECIFICATIONS

USB-C & VIDEO

Input	(1) USB-C
Output	(1) USB-C
Video Input	Up to 4K@60Hz 4:4:4
Video Output	Up to 4K@60Hz 4:4:4

USB & POWER

USB Data Rate	10 Gbps
Device Power	5V / 3A
PD Standard	PD 3.0
Power Consumption	1 W (exclude USB device load)

MECHANICAL & ENVIRONMENTAL

Dimensions	54(W) × 20(H) × 80(D) mm
Net Weight	130 g
Operating Temperature	-5 ~ +55 °C
Storage Temperature	-25 ~ +70 °C
Relative Humidity	10% ~ 90%

PACKAGE CONTENTS

Included	1 × MP-100UPI
Documentation	1 × User Manual

Source: MP-100UPI User Manual, Version 2025V1.0. Technical specifications, features, system connection information and package contents are based on the supplied document.