Product Datasheet - Technical Specifications

More information in our Web-Shop at ▶ **www.meilhaus.com** and in our download section.

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www.meilhaus.com/en/infos/download.htm

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Maverick™ 63104

DisplayPort 1.2a and USB 3.1, 5Gbps Point-to-Point Extender System over CAT 6a/7

Industry's first DisplayPort 4Kp60 and USB 3-2-1 Extender over a single CAT 6a/7 cable up to 100m

The DisplayPort 1.2a 4Kp60 4:4:4 and USB 3.1 Gen 1 Maverick™ 63104 provides the ability to connect all USB device types and a single DisplayPort sink back to a host across a point-to-point connection up to 100m over CAT 6a/7. The Maverick 63104 also includes an Ethernet pass-through for connecting to network enabled devices or to use existing infrastructure without losing LAN connectivity, as well as an RS232 pass-through channel for command and control applications or RS232 enabled devices.

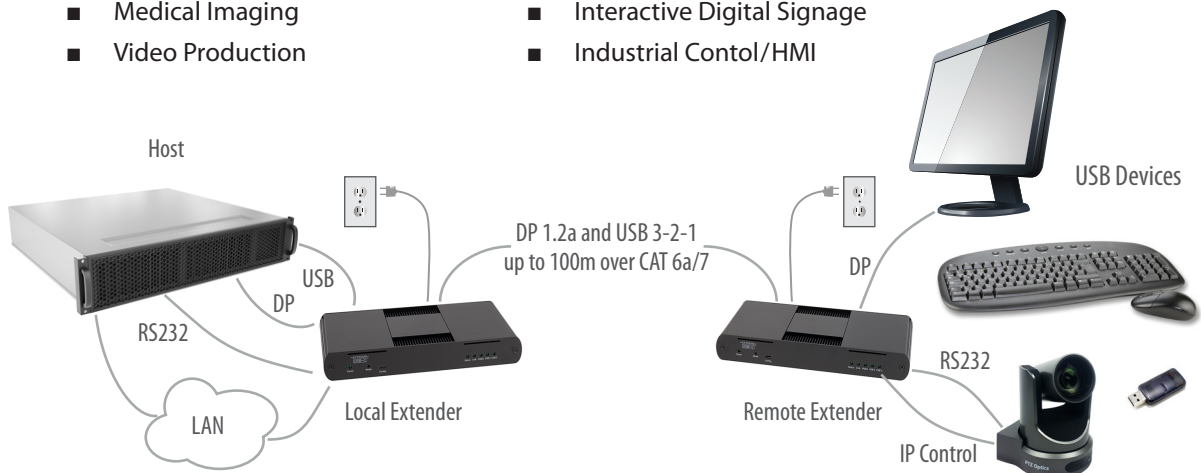Local Extender

Remote Extender

Summary of Features

- DisplayPort 1.2a with embedded audio support
- Resolutions up to UHD 4K, 3840 x 2160 @60Hz
- YCbCr 4:4:4 and RGB colour support up to 10bpc
- 2 Channel DisplayPort Audio
- USB 3.1 Gen 1 data rate up to 5Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.1 Gen 1 ports
- 100/1000 Ethernet channel; LAN pass-through
- Bidirectional RS232, 9600-115200 baud rate
- Single cable, CAT 6a/7 up to 100m
- Point-to-point connection

Includes the ExtremeUSB-C™ suite of features:

- Transparent USB extension supporting USB 3, 2 and 1
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, macOS™, Linux® and ChromeOS™

Applications

- Medical Imaging
- Video Production
- Interactive Digital Signage
- Industrial Contol/HMI

Host

USB

DP

RS232

LAN

Local Extender

DP 1.2a and USB 3-2-1
up to 100m over CAT 6a/7

DP

Remote Extender

USB Devices

RS232

IP Control

LOCAL EXTENDER MECHANICAL DATA	REMOTE EXTENDER MECHANICAL DATA
137.3mm x 232.1mm x 33.0mm (5.4" x 9.1" x 1.3")	137.3mm x 232.1mm x 33.0mm (5.4" x 9.1" x 1.3")
1x USB 3.1 B Receptacle	4x USB 3.1 A Receptacles
1x RJ45 Ethernet 100/1000 Port	1x RJ45 Ethernet 100/1000 Port
1x DisplayPort 1.2a Receptacle	1x DisplayPort 1.2a Receptacle
1x RS232 3-Pin Terminal Block	1x RS232 3-Pin Terminal Block
1x RJ45 Ethernet Link Port	1x RJ45 Ethernet Link Port
24V 1A DC Locking Jack	24V 2.71A DC Locking Jack
920g (2.03 lbs.)	990g (2.18 lbs.)

PACKAGE CONTENTS	
1x Local Extender	
1x Remote Extender	
2x 1.8m DisplayPort Cables	
1x 1.8m USB 3.1 Gen 1 Cable	
2x International Locking Power Adapters	
2x Country Specific Power Cords	
1x Quick Start Guide	
Packaged weight: 2.95kg (6.49 lbs.)	

EXTREME USB-C™

RANGE	
Point-to-Point:	Up to 100m over CAT 6a/7

USB SUPPORT	
USB Speeds:	SuperSpeed 5Gbps, High-Speed, Full-Speed, Low-Speed
USB Bandwidth:	Up to 5Gbps
Device Compatibility:	All Device Types and Classes (Control, Interrupt, Isochronous and Bulk)
Host Compatibility:	OHCI, UHCI, EHCI, xHCI
Available Current at Remote:	1.2A (6W) per USB port
Max Number of USB Devices:	30

ENVIRONMENTAL	
Temperature:	0°C – 50°C (32°F – 122°F) Operating, -20°C – 70°C (-4°F – 158°F) Storage
Humidity:	20-80% Operating, 10-90% Storage Relative Humidity Non-Condensing

SUPPORT	
Warranty:	2 years

Ordering Information

PART #	NAME	DESCRIPTION
01-00633	Maverick 63104 - EU	4-Port USB 3-2-1 and DisplayPort 4Kp60 4:4:4 CAT 6a/7 100m Extender System, Unbranded Black, 24V 100-240V Power Adapters - EU