

Maverick™ 63104

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

Sold as unbranded or private label

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

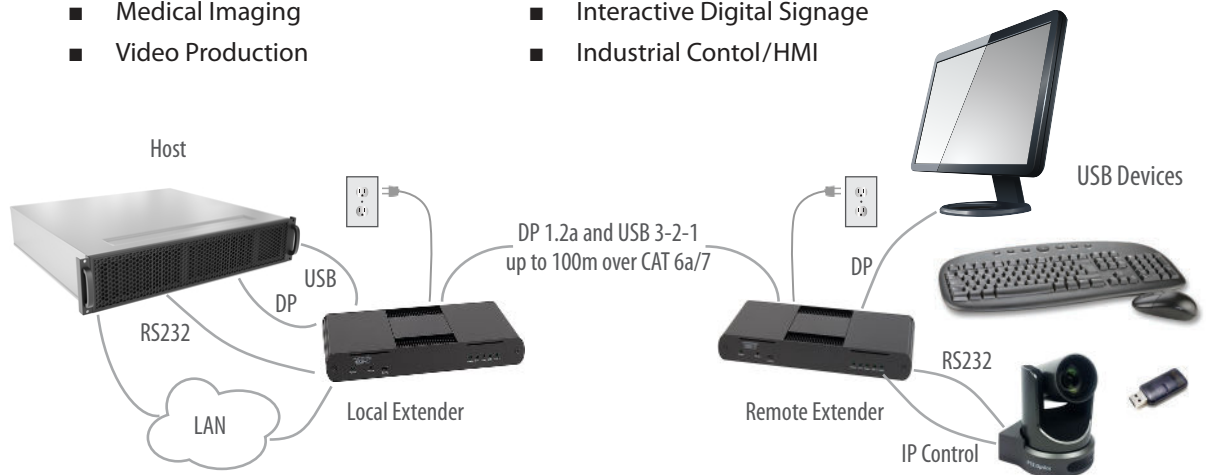
- DisplayPort 1.2a with embedded audio support
- Resolutions up to DCI 4K, 4096 x 2160 @60Hz
- YCbCr 4:4:4 and RGB colour support
- 6,8,10 bit colour support
- USB 3.1 Gen 1 data rate up to 5Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.1 Gen 1 ports
- 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 Control/HMI



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Specifications subject to
change without notification.
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Now Part of Maxim Integrated
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Maverick 63104 Specifications

LOCAL EXTENDER MECHANICAL DATA

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

VIDEO RESOLUTION SUPPORT

640 x 480 @60Hz	1920 x 1200 @60Hz
800 x 600 @60Hz	2560 x 1440 @60Hz
1024 x 768 @60Hz	2560 x 1600 @60Hz
1280 x 720 @60Hz	2560 x 1080 @60Hz
1280 x 768 @60Hz	3440 x 1440 @ 60Hz
1280 x 1024 @60Hz	3840 x 2160 @60Hz
1920 x 1080 @60Hz	4096 x 2160 @60Hz

REMOTE EXTENDER MECHANICAL DATA

137.3mm x 232.1mm x 33.0mm (5.4" x 9.1" x 1.3")
4x USB 3.1 A Receptacles
1x RJ45 Ethernet 100/1000 Port
1x DisplayPort 1.2a Receptacle
1x RS232 3-Pin Terminal Block
1x RJ45 Ethernet Link Port
24V 2.71A DC Locking Jack
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.)

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 – 40°C (32°F – 104°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
01-00632	Maverick 63104 - NA	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 - NA
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
01-00634	Maverick 63104 - UK	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 - UK
01-00635	Maverick 63104 - AU	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 - AU
01-00636	Maverick 63104 - JP	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 - JP

To order or for more information, email lronSales@MaximIntegrated.com or call +1 604 638 3920.