

icron

OEM Products

←EXTREME→  
USB-C™

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Specifications subject to  
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Icron Technologies Corp.  
#90-01421-A01

## Maverick 63104

DisplayPort 1.2a and USB 3.1, 5 Gbps Point-to-Point Extender System over CATX

*Sold as unbranded or private label*

*Industry's first DisplayPort 4Kp60 and USB 3-2-1 Extender over a single CAT 6a 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. 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

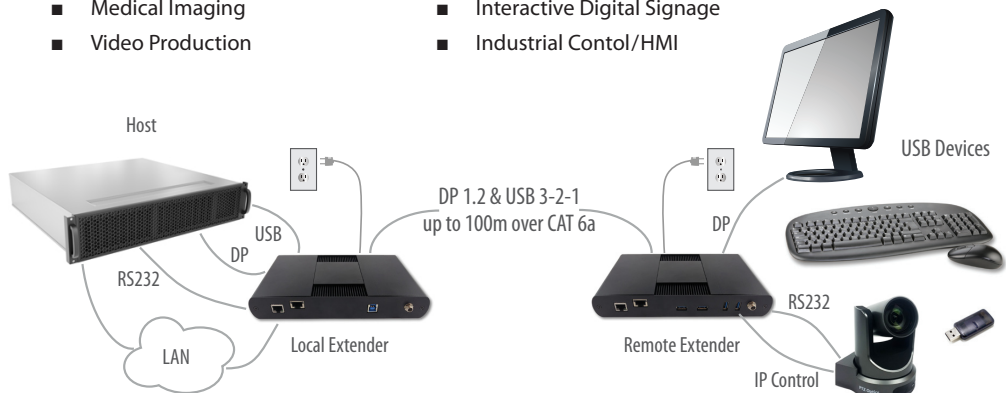
- DisplayPort 1.2a with embedded audio support
- Resolutions up to 4096x2160 @60Hz
- YCbCr 4:4:4 and RGB 10 bit colour
- USB 3.1 Gen 1 data rate up to 5 Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.1 Gen 1 ports
- 100/1000 Ethernet channel; LAN pass-through
- Bidirectional RS232, 9600-115200 baud rate
- Single cable, CAT 6a up to 100m
- Point-to-point connection

Includes the ExtremeUSB-C™ suite of features:

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

### Applications

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



## 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 1080 @60Hz
800 x 600 @60Hz	1920 x 1200 @60Hz
1024 x 768 @60Hz	2560 x 1440 @60Hz
1280 x 720 @60Hz	2560 x 1600 @60Hz
1280 x 768 @60Hz	2560 x 1080 @60Hz
1280 x 1024 @60Hz	3840 x 2160 @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 5 Gbps, High-Speed, Full-Speed, Low-Speed
USB Bandwidth:	Up to 5 Gbps
Device Compatibility:	All Device Types and Hubs
Host Compatibility:	OHCI, UHCI, EHCI, xHCI
Available Current at Remote:	1.5A per USB port, 5A total shared
Max Number of USB Devices:	30
ENVIRONMENTAL	
Temperature:	0-40 °C Operating, -20 to 70 °C 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 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 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 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 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 100m Extender System, Unbranded Black, 24V 100-240V Power Adapters - JP

To order or for more information, email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.