

Polaris™ 7044

USB 3-2-1 Matrix



Available for private label. Inquire at icron.com/contact.

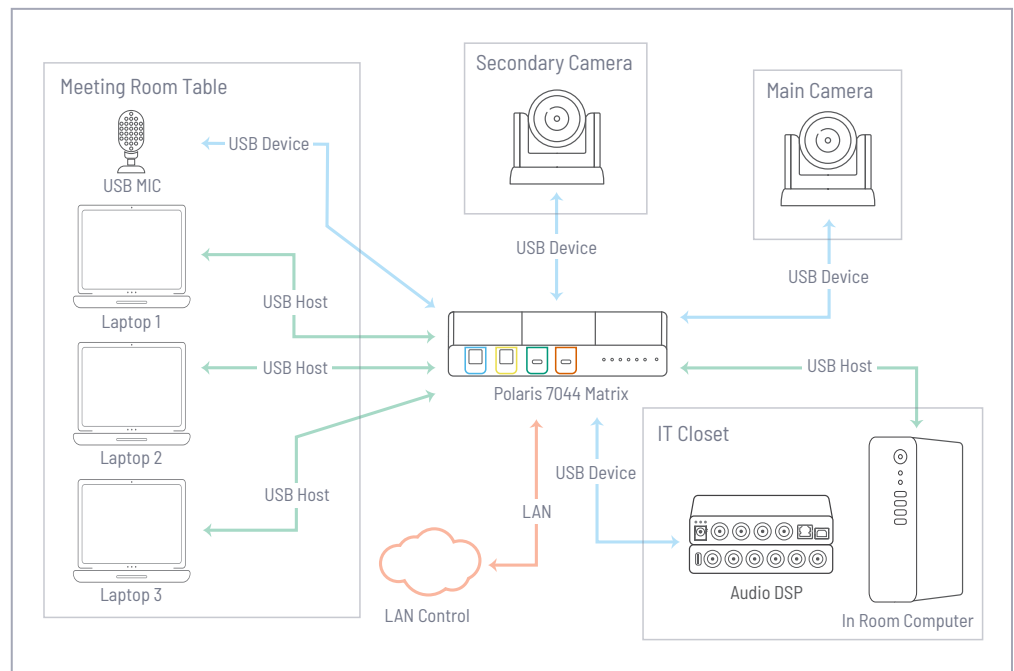
Polaris 7044 is a 4x4 USB 3-2-1 Matrix enabling any host to conveniently connect to, and switch between, one or more devices. Polaris supports USB 3 (5Gbps), 2.0, and 1.1 devices while powering up to 15W offering up to 24 possible configurations, controlled via RS232, web GUI, or API providing extremely flexible USB connectivity.

Features

- ▶ 4x4 (4 Upstream, 4 Downstream) USB Matrix
- ▶ 24 possible configurations
- ▶ Supports USB 3 (5Gbps) and USB 2.0/1.1
- ▶ 15W of power per USB-C Device Port
- ▶ 6W of power per USB-A Device Port
- ▶ RS232 and Network API
- ▶ RS232, LAN Control with Web GUI interface
- ▶ SSH Secure Login
- ▶ 2 Polaris per single 19" rack space

Applications

- ▶ Boardrooms
- ▶ Divisible Rooms
- ▶ IT as part of a KVM
- ▶ Desktop Switching



Polaris™ 7044 Specifications

Host Upstream Ports	2 x USB-B Ports, 2 x USB-C Ports
Device Downstream Ports	2 x USB-A Ports, 2 x USB-C Ports
Traffic Types	Supports all USB Traffic Types
Device Types	Supports all USB Device Types
Available Power	15W per USB-C Port, 6W per USB-A Port
Hub Tiers Used	1
Network	100BASE-T
Control	1 x RJ45, 1 x 3-Pin RS232
Power Supply	100-240V AC Input, 24V 2.7A DC Output
Enclosure Material	Black Anodized Aluminum
Dimensions (W x D x H)	212.5mm x 125mm x 30mm (8.37" x 4.92" x 1.18")
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Operating Humidity	20% to 80% relative humidity, non-condensing
Storage Humidity	10% to 90% relative humidity, non-condensing
Certifications	FCC (Class A), CE (Class A), RoHS2/3 (CE), ICES-003 Issue 7, IEC 62368-1 4 th ED.
Warranty	2-year

Ordering Information

Polaris 7044 Matrix includes the following package contents and comes with a two-year warranty:

- ▶ Polaris 7044 Matrix
- ▶ 24V 2.71A International Power Adapter
- ▶ Country Specific AC Power Cord
- ▶ RS232 Mating Connector
- ▶ Default Values Label (to affix where desired)
- ▶ Quick Start Guide

NOTE: USB cables are not included.

For private labeling inquiries or for more information, contact us online at icron.com/contact, by email at IcronSales@analog.com, or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00814	Polaris 7044 USB 3-2-1 Matrix - NA	4x4 USB 3-2-1 Matrix, Black, 100-240V Adapter - NA Plug
01-00815	Polaris 7044 USB 3-2-1 Matrix - EU	4x4 USB 3-2-1 Matrix, Black, 100-240V Adapter - EU Plug
01-00816	Polaris 7044 USB 3-2-1 Matrix - UK	4x4 USB 3-2-1 Matrix, Black, 100-240V Adapter - UK Plug
01-00817	Polaris 7044 USB 3-2-1 Matrix - AU	4x4 USB 3-2-1 Matrix, Black, 100-240V Adapter - AU Plug
01-00818	Polaris 7044 USB 3-2-1 Matrix - JP	4x4 USB 3-2-1 Matrix, Black, 100-240V Adapter - JP Plug
10-00394	USB Mounting Kit - Black	Black Mounting Kit includes: 2 brackets, 4 locking washers and 4 (M3 x 5mm) Philips pan head screws