

## Icron Polaris™ 7044

USB 3-2-1 Matrix



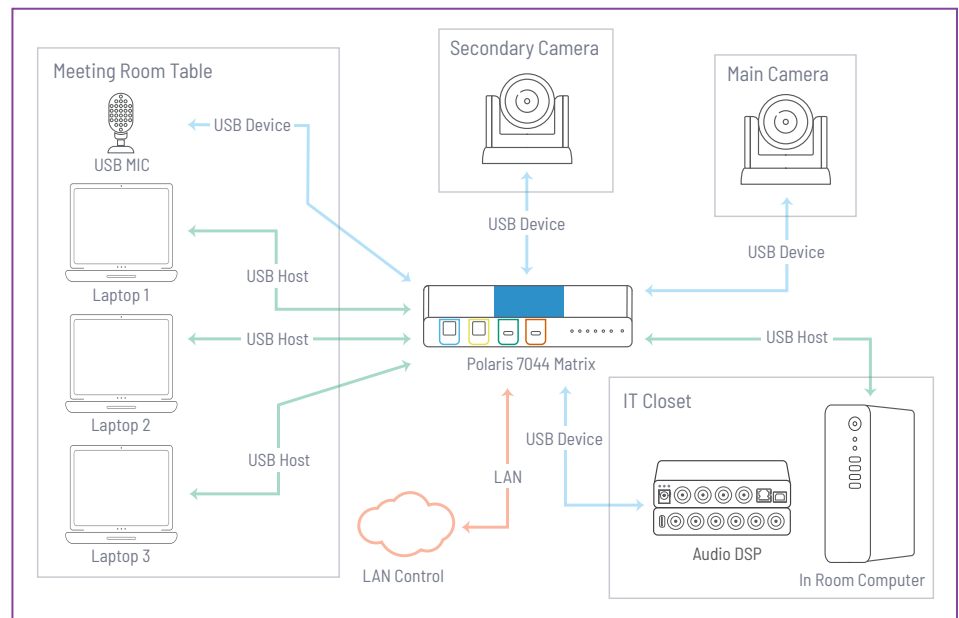
Icron Polaris 7044 is a 4x4 USB 3-2-1 Matrix enabling any host to conveniently connect to, and switch between, one or more devices. Polaris supports USB 3 (5Gbps), 2.0, and 1.1 devices while powering up to 15W offering up to 24 possible configurations, controlled via RS232, web GUI, or API providing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



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Visit [icron.com](https://www.icron.com)

For more information about configuring and operating this product, refer to the complete online user guide.

For technical support, visit [icron.com/support](https://www.icron.com/support).

For sales/general inquiries, visit [icron.com/contact](https://www.icron.com/contact).

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# 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 2.71A 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 <sup>th</sup> ED. |
| Warranty                | 2-year                                                                                       |

## Ordering Information

The Icron 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.

To order or for more information, contact us online at [icron.com/contact](https://icron.com/contact), by email at [IcronSales@analog.com](mailto:IcronSales@analog.com), or call +1 604 638 3920.

| PART #   | NAME                           | DESCRIPTION                                                                                          |
|----------|--------------------------------|------------------------------------------------------------------------------------------------------|
| 00-00466 | Icron Polaris 7044 Matrix - NA | Icron Polaris, Black 4x4 USB 3-2-1 Matrix, 100-240V Adapter - NA Plug                                |
| 00-00467 | Icron Polaris 7044 Matrix - EU | Icron Polaris, Black 4x4 USB 3-2-1 Matrix, 100-240V Adapter - EU Plug                                |
| 00-00468 | Icron Polaris 7044 Matrix - UK | Icron Polaris, Black 4x4 USB 3-2-1 Matrix, 100-240V Adapter - UK Plug                                |
| 00-00469 | Icron Polaris 7044 Matrix - AU | Icron Polaris, Black 4x4 USB 3-2-1 Matrix, 100-240V Adapter - AU Plug                                |
| 00-00470 | Icron Polaris 7044 Matrix - JP | Icron Polaris, Black 4x4 USB 3-2-1 Matrix, 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. |