

US3344i

4 x 4 USB 3.2 Gen 1 Industrial Sharing Switch



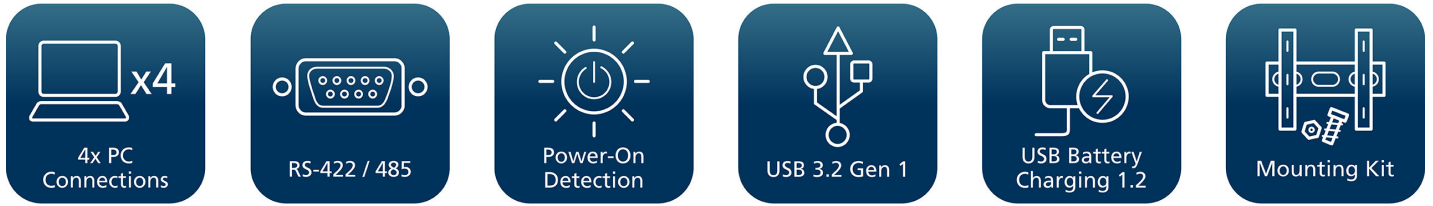

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Smooth BYOD Sharing for Smarter Meetings

US3344i

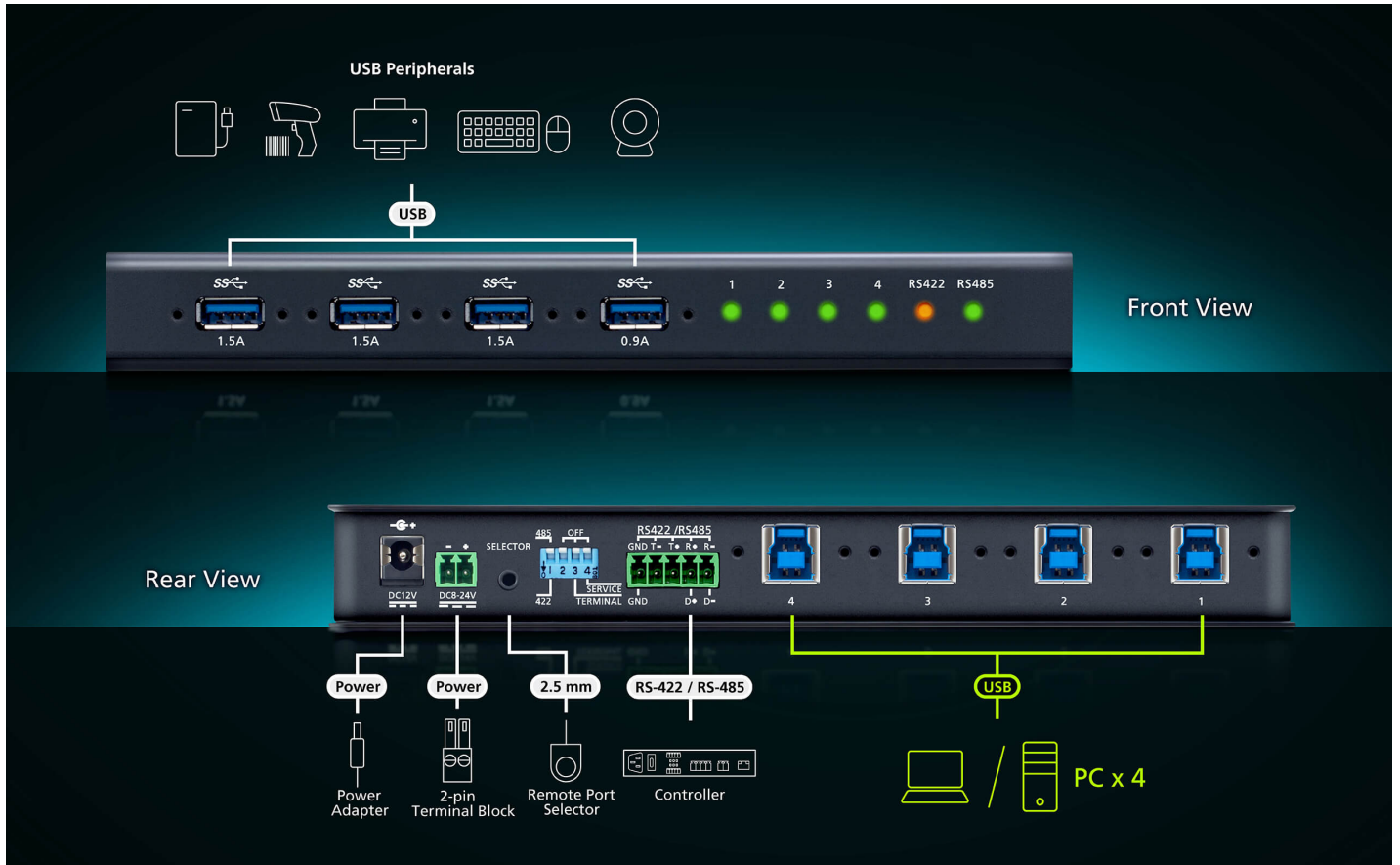
With the shift to hybrid and remote work, the US3344i is a great fit for professional workspaces – enhancing your BYOM/BYOD meeting experience with ease. Meeting room setups are straightforward and effortless, thanks to its plug-and-play design that allows connections to up to 4 PCs/laptops and sharing of up to 4 USB 3.2 Gen 1 devices in no time. With blazing-fast data transmission, cross-platform compatibility (e.g. Windows, macOS, Linux), and flexible port-switching, the USB sharing switch further streamlines meeting workflows, enhances collaboration, and reduces the overhead of IT procurement and management for workplaces.

The US3344i eliminates the additional cost and hassle of implementing complicated, redundant systems and equipment for each computer. Its chassis and rack-mountable design make it highly suitable for industrial environments, simplifying and tidying the working area within the larger industrial setting.



Plug in – Collaborate – Share in Seconds

Join the meeting anytime to start the discussion, share data, or switch to collaborate – all in just seconds.



Seamless Integration into Control System

The US3344i can be seamlessly integrated into any reputable control system (including ATEN's [VK1100A](#), [VK211](#)), as part of the meeting room setup via its serial connectivity, subsequently utilizing the IP control function. The control system serves as a centralized platform to streamline AV/IT management and simplify maintenance.



Auto-switch for Efficient Control

The US3344i will shift the PC focus to the most recently connected host device automatically, with the corresponding port LED illuminated to indicate which active port has control over the resources.

Up to 5 Gbps Data Transfer Rate with USB 3.2 Gen 1

To maintain an efficient meeting flow, take advantage of the superior 5 Gbps data transfer speed of the built-in USB 3.2 Gen 1 ports, which are also backward compatible with USB 2.0/1.1 devices.



Maximize Project Versatility with Dual Power Support

The US3344i can be flexibly deployed with dual power options. The DC12V power adapter can be deployed for meeting room applications, while the DC9-24V terminal block is well-suited for industrial environments.

Industrial Grade Designs for High Durability and Stability

The US3344i features a series of industry-grade designs, including metal casing, M2 screw locking connector securing USB cable connection, and a robust exterior that shields against unwanted objects.



Applications

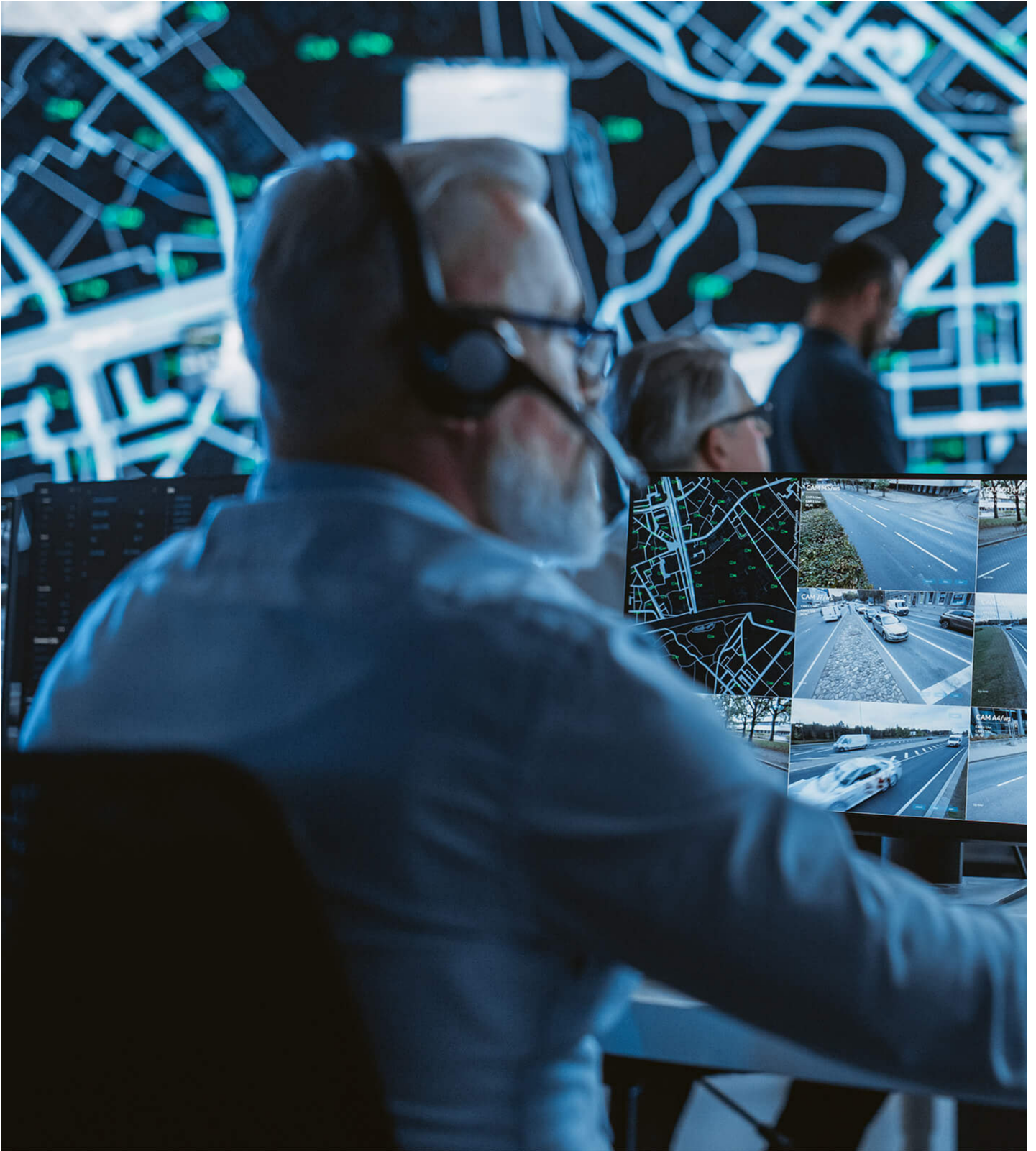
- 1.
- 2.
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- 4.



Industrial Control



Meeting Room (BYOD)



Surveillance





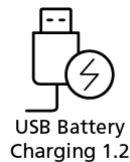
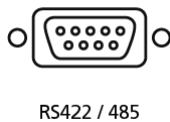
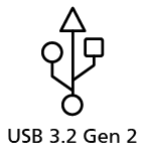
Production Line

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Features

The US3344i is a 4-port USB 3.2 Gen 1 Industrial Switch that enables four computers to share and use USB 3.2 Gen 1 devices such as keyboard, mouse and other peripheral devices. Users can manually switch the focus to a particular computer using the pushbutton on the switch, or have the focus automatically switched based on detection of connected computers.

It eliminates the cost to implement the complicated redundant systems and equipment for each computer. The US3344i chassis and rack mountable design is suitable for any industrial environment. For extra convenience, it features an external remote control port that can simplify cabling layout. The US3344i allows for a neat and tidy installation – the USB cables are bundled to save the extra cost of purchasing USB cables.

- Enables four computers to share USB peripheral up to four devices
- USB 3.2 Gen 1 compatibility with maximum data transfer rates up to 5 Gbps
- Multiplatform support - Windows, Mac and Linux
- Displays port focus via LED indicators
- Metal mechanical cassis with wall mountable design
- Supports aftermarket USB M2 screw locking cable
- Supports port selection via remote controller or RS-422 / RS-485 link through 5-pin terminal block
- Supports hot plugging
- Supports DC 9 - 24V power input through terminal block*
- Supports USB BC 1.2 and over current protection
- Power on detection
 - The computer focus automatically switches to a newly plugged-in or powered-on computer
 - The computer focus automatically switches to port 1 when the focused computer is unplugged or powered-off
- Firmware upgradable

*Supports either of the following, power supplies:

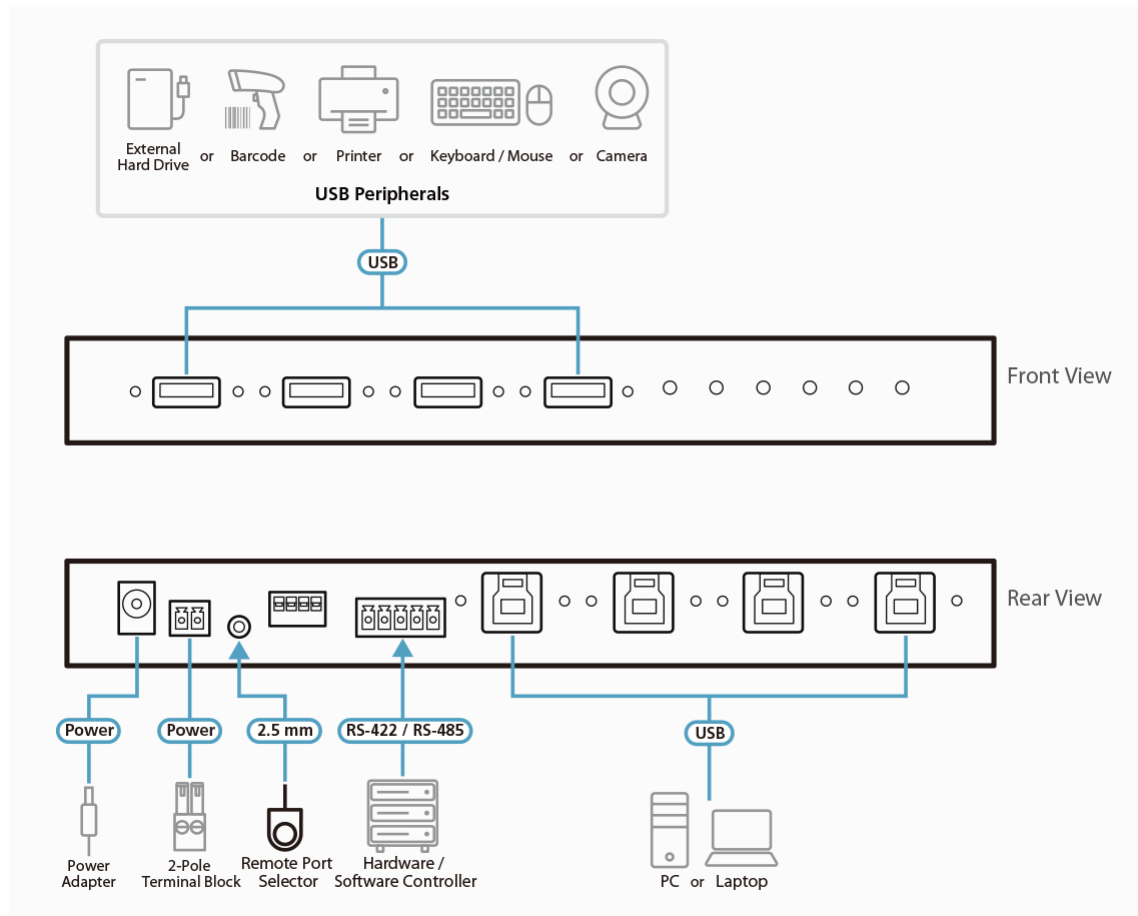
1. DC terminal block
2. DC power jack (available for purchase separately from your closest ATEN dealer. Part No.: 0AD8-8012-33MG)



Specification

Computer Connections	4
Connectors	
Computer	4 x USB Type B Female (Blue)
Device	4 x USB Type A Female (Blue)
Serial	1 x 5-pin Terminal Plug (Green)
Power	1 x 2-pin 9-24V Terminal Plug (Green)
Power (Optional)	1 x 12V DC Jack Female (Black)
Power Consumption	DC12V:0.376W:117BTU/h DC24V:0.48W:117BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Power Mode	Terminal Block / DC Jack Power Adapter* *DC Jack Power Adapter is available for purchase separately from your closest ATEN dealer. Part No.: 0AD8-8012-33MG
Port Selection	Remote port selector / Serial command
LEDs	
Selected	4 (Green)
Serial	RS422 (Orange) RS485 (Green)
Cable Length	
USB Cable	2x USB 3.2 Gen 1 Type-B to Type-A Cables 1.2M 2x USB 3.2 Gen 1 Type-B to Type-A Cables 1.8M
Remote Port Selector	1.8 m
Environmental	
Humidity	0–80% RH, Non-condensing
Operating Temperature	0–50°C
Storage Temperature	-20–60°C
Physical Properties	
Housing	Metal
Weight	0.51 kg (1.12 lb)
Dimensions (L x W x H)	20.00 x 8.00 x 2.50 cm (7.87 x 3.15 x 0.98 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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