

**cambri**onix

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# EtherSync

## 4-Port USB Charge & Sync via Gigabit Ethernet





up to  
42  
ports

- **Manage tablet content and function from anywhere!**

EtherSync enables the remote management of tablets using existing familiar tools such as iTunes™, Configurator and Android equivalents. It helps you easily set up LAN and WAN management of USB-connected device deployments.

- **Move tablet management to the IT department!**

EtherSync can be used where having a Mac or PC local to the USB devices is just not practical: public areas, school classrooms, restaurants, retail environments, nursing stations, kiosks and more.

- **Secure**

Using the EtherSync, you can use secure Ethernet connections to manage remote USB devices, much easier than wifi and less prone to hacking. Ethernet management also is less taxing on available wireless networks.

- **Large scale deployments**

Each EtherSync has dual Gigabit Ethernet ports, allowing easy daisy-chaining without an additional hub or network port. And EtherSync is designed for large scale deployments such as those done by schools or districts with multiple carts, retailers with mobile devices in stores and hospitality organizations with tablets at

tables or for ordering. Each EtherSync can control up to 42 USB devices and 500 or more EtherSyncs can be connected to a network and remotely managed from a single location.

- **Retrofit to existing systems**

EtherSyncs can be used with existing tablet management systems (such as mobile carts and syncing hubs), so you can set up remote management quickly, easily and securely.

- **Safety**

UL listed and CE tested to EN60950, EtherSync is designed in the UK and sold by Datamation Systems.



# EtherSync is a network appliance that allows remote management and full-rate charging of USB devices via GigaBit Ethernet.



**EtherSync provides multiple USB connections that can be used for iPads, iPhones, tablets, smartphones, and cameras – virtually any USB device. Either directly or through a connected hub, it provides full-rate charging, fast and secure data transfer over GigaBit Ethernet. Options include two- and eight-port and Power over Ethernet (PoE) versions.**

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## OVERVIEW

Each EtherSync allows you to connect to USB devices via standard Ethernet cabling running standard TCP/IP protocols. The EtherSync itself has four powered USB ports (two or eight ports in special order configurations) and can provide direct connections to up to 42 devices through connected hub or carts.

With our EtherSync Connect software, the remote USB ports can appear on a computer as if they are connected to that machine locally. This software is compatible with existing applications so programs like iTunes™ and Configurator work the same way as if the device(s) were connected locally even though they may be on a different floor, building or country. The EtherSync Connect software has no ongoing license cost.



There are many applications wherever it is convenient to provide remote management and provisioning of mobile devices, especially when those devices are not all in environments with sufficiently robust wireless networks or when there are security concerns that prefer a wired connection.

Remote management can have great value in schools (where an IT director can update or support devices in multiple classrooms or schools without a local host). Carts equipped or retrofitted with EtherSync can be managed through a simple IP drop connection.

Other applications include healthcare, retail, hospitality . . . virtually any environment in which security, safety and efficiency can take advantage of remote, centralized management of devices on a secure wired network.

It also has applications in kiosk and digital signage applications where mobile devices can be connected to an IP drop but where it is inconvenient or too expensive to provide a host computer connection.

Service depots supporting the deployment or repair of devices can use EtherSync for OS updates and deployment of files or applications that would stress a wireless network or create security concerns.



**Contact our technical sales team for more details and to arrange a demo.**



## PACKAGE CONTENTS

EtherSync comes as a fully enclosed unit, UL-listed. Standard stock configurations are 4-port with or without power supply. Special order versions in 2, 4 or 8-port configurations are available in quantity, as are EtherSyncs equipped with power over Ethernet (PoE) for 2 and 4 port units. Qualified OEM requests for component pricing can be provided.



### Basics

Product Code:	DS-ES-U4E-S
Functionality:	Charge & Sync for USB devices via GigaBit Ethernet connection
Number of Ports:	4 USB 2.0 ports (2 and 8 available by special order)
Power supply (recommended):	FSP096-AHAN2
Compatible devices:	Universal and future-proof*
Current per Port:	2.1A
Charging method:	Cambrionix Very Intelligent Charging Protocol **
Delivered as:	Cased product, UL-listed, CE; PSU; 6' RJ45 Ethernet cable

### EtherSync

Input voltage:	12V
Input current:	2.5A
Input connector:	4-pin mini din
Output voltage per port:	5.2V max
Output current per port:	2.1A
Output Power (total):	43.68W
Output Connectors:	Standard USB-A receptacle, dual Gigabit RJ45 Ethernet ports
Dimensions (cased):	130mm (l) x 105mm (w) x 40mm (h) approx.

### Power Supply

Input voltage:	85~246V AC
Input current:	3.5~115V AC
Input frequency:	47~63Hz
Input connector:	85~246V AC
Output voltage:	C14
Output current:	5A
Output power:	60W
Output connectors:	4 pin mini din



For more information, prices and availability, contact Datamation Systems at:

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[www.ipadcart.com](http://www.ipadcart.com)