cambrionix

EtherSync

2/4/8 Port USB Charge & Sync via Gigabit Ethernet

Up to

8

USB ports

BENEFITS

- **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. Setup LAN and WAN management of your USB tablet deployments easily.

- **Move tablet management to the IT dept!**
  It can be used in areas where having a Mac or PC local to the USB devices is not practical e.g. public areas, restaurants, retail environments or schools.

- **Large scale deployment**
  EtherSync is designed for large scale deployments such as those within retail store fixtures. 500+ EtherSync can be connected to a LAN with each supporting up to 42 USB devices each.

- **Retrofit to existing systems**
  EtherSync products can also be used to allow existing tablet management systems to be connected to an Ethernet network quickly, easily and safely.

- **Safety**
  UL Listed and CE tested to EN60950. Designed in Cambridge, UK and manufactured at our UL Audited manufacturers.

- **Scalable**
  Dual GigaBit Ethernet ports allow easy daisychaining of EtherSync units without an additional hub or network port.

- **Secure**
  Using Ethernet to manage remote USB devices is easier to configure and less prone to hacking vs WiFi.

Cambrionix
EtherSync & Charge

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

EtherSync is available with multiple USB connections which can be used for peripheral devices, tablets, cameras and smartphones. It provides full-rate charging for all USB chargeable devices, fast data transfer over GigaBit Ethernet, built-in 2 port GigaBit Ethernet switch and there is also a PoE (Power Over Ethernet) option!

OVERVIEW

Each EtherSync provides up to 8 USB ports that can be accessed via standard Ethernet cabling running standard TCP/IP protocols. With our EtherSync connector software, the remote USB ports can appear on a computer as if they are local to that machine. The Cambrionix EtherSync connector software is compatible with existing applications, so programs like iTunes™ and Configurator just work as though the device is connected directly to the computer, even though it might be in a different building, city or country. The EtherSync connector software has no ongoing license cost.

EtherSync supports Gigabit Ethernet and offers two Ethernet ports. One for Ethernet connection and one to daisychain additional EtherSync devices if necessary.

EtherSync enables a host computer to remotely access USB ports. This can be used, for example, to charge and sync tablet devices in different classrooms from one central location, such as the ICT office. Each classroom would have one or more EtherSync units which is then accessed via Ethernet. This enables remote management of the tablets, which could be centralised to save time in visiting each classroom to perform OS or security updates, or physically moving them all to one location to change content. This scenario can also apply to large scale tablet or device deployments within retail spaces.

EtherSync is not designed solely for education. Health, retail or any other organisation could significantly reduce costs and time by managing their USB device deployments remotely.

As with all Cambrionix products, EtherSync comes with fully supported hardware and software which is 'future proof' via its upgradeable firmware.

EtherSync runs a version of Linux and can be tailored to your specific requirements.

For large deployments across multiple sites, we have a number of partners who can offer software support and application design to ensure your deployment runs smoothly and is maintainable.

Contact our Technical Sales team for more details and to arrange a demo or sample unit.

PACKAGE CONTENTS

EtherSync is available as a 2, 4 or 8 port unit.
PoE (Power Over Ethernet) available on the 2/4 port units.
Units ship with power supply and USB Type-A Male to Male cable.
(PSU not required with PoE option).

BASICS	
Product Code:	CBRX1132 (enclosed) / CBRX1132-C (component)
Functionality:	Charge & Sync for USB devices via Gigabit Ethernet connection.
Number of Ports:	2/4/8 USB2.0 Ports
Power Supply (recommended):	FSP096-AHAN2
Compatible Devices	Universal and Future Proof*
Current per Port:	2.1A
Charging Method:	Cambrionix Very Intelligent Charging protocol**

ETHERSYNC	2 Ports	4 Ports	8 Ports
Input Voltage:	12V	12V	12V
Input Current:	2.5A	5A	8A
Input Connector:	4-pin mini din	4-pin mini din	4-pin mini din
Output Voltage Per Port:	5.2V max	5.2V max	5.2V max
Output Current Per Port:	2.1A	2.1A	2.1A
Output Power (Total):	21.84W	43.68W	87.36W
Output Connectors:	Standard USB-A Type receptacle. Dual Gigabit RJ45 Ethernet ports		
Dimensions (cased):	130mmm (l) x 105mmm (w) x 40mm (h) approx.		

POWER SUPPLY	2 Ports	4 Ports	8 Ports
Input Voltage:	85~246V AC	85~246V AC	85~246V AC
Input Current:	3.5~115V AC	3.5~115V AC	3.5~115V AC
Input Frequency:	47~63Hz	47~63Hz	47~63Hz
Input Connector:	C14	C14	C14
Output Voltage:	12V	12V	12V
Output Current:	2.5A	5A	8A
Output Power:	30W	60W	96W
Output Connectors:	4 pin mini din	4 pin mini din	4 pin mini din

* This device is updateable via firmware upgrades to ensure compatibility with new devices that are released to the market.

** This automatically adapts to different devices to ensure they are charged at the maximum rate possible.

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