



eCopy Hub Card ASY5091 User Manual

Part # 76-4014

Rev # 012304

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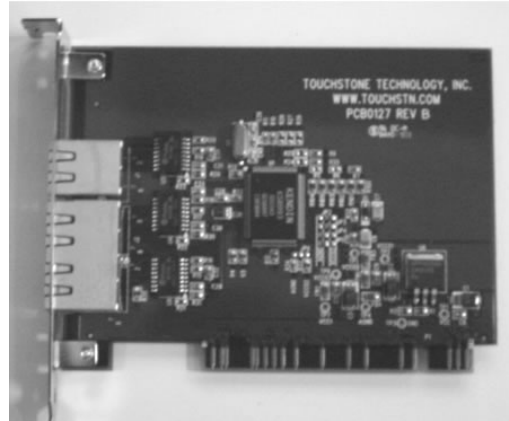
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Introduction

The Touchstone Technology 3-Port Network Switch is distributed as an integrated component of eCopy ScanStations. It is a self contained three port switch that fits into a standard, full height, PCI slot. The board is self configuring and receives power from the host computer's PCI Bus. The board is compliant with FCC Class-B, VCCI, and UL standards.

Features

- > 3 port 10/100 Integrated Switch with Physical Layer Transceivers based on Kendin S8993 chip
- > 64K Byte of SRAM on chip for frame buffering
- > 1.0Gbps high performance memory bandwidth
- > 10BaseT, 100BaseTX modes of operation
- > Support for UTP
- > Superior analog technology for reduced power and die size
- > Supports port based VLAN
- > QoS Feature. Supports 802.1p based priority or port based priority
- > Indicators for link activity, full/half duplex
- > Unmanaged operation
- > Hardware based 10/100, full/half, flow control and auto negotiation
- > Wire speed reception and transmission
- > On chip integrated address Look-Up Engine, supports 1k absolute MAC addresses
- > Automatic address learning, address aging and address migration
- > Full duplex IEEE 802.3x flow control (Pause) with force mode option
- > Half duplex back pressure flow control



System requirements

- > One full height PCI slot
- > Category 5 Ethernet cables

Hardware setup

Safety instructions and warnings

Caution! Expansion cards contain delicate integrated circuits. To protect them against damage from static electricity, take the following precautions:

- › Always switch off and disconnect the computer and any attached devices from their electrical outlets before attempting to work inside the computer.
- › Wear a grounding strap or touch an unpainted metal surface on the computer's chassis before touching anything inside the computer.
- › Place components on a grounded antistatic pad or on the bag that came with the components whenever the components are separated from the system.

Network switch removal

The Touchstone Technologies 3-port network switch is installed inside the eCopy ScanStation PC before the system ships. To remove the switch, follow the procedure below.

1. Turn off the computer and unplug the power supply.
2. Determine the location of the 3-port switch in your PC. The location may vary according to the PC model.



3. Open the case and remove the integrated 3-port switch card from the slot. Note that on some PCs you may need to remove a riser card to gain access to the PCI slot.



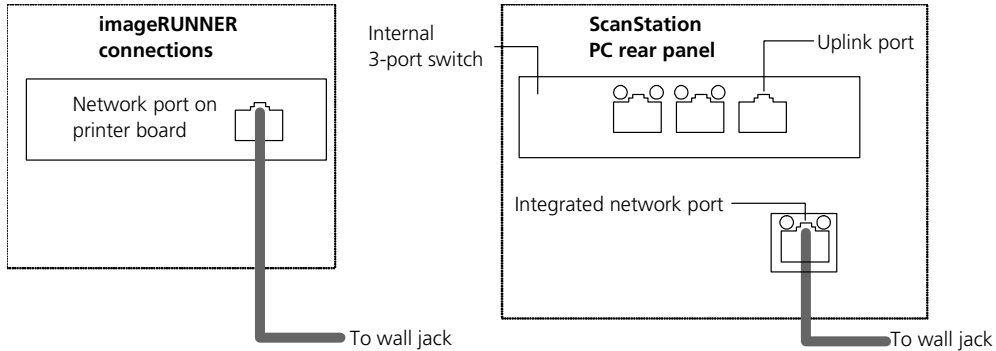
Connecting the network cables

The 3-port network switch enables you to connect the eCopy ScanStation and the imageRUNNER to a single network jack. If there is a second wall jack available, you do not need to use the internal 3-port switch (this method is the preferred configuration).

To connect the network cables:

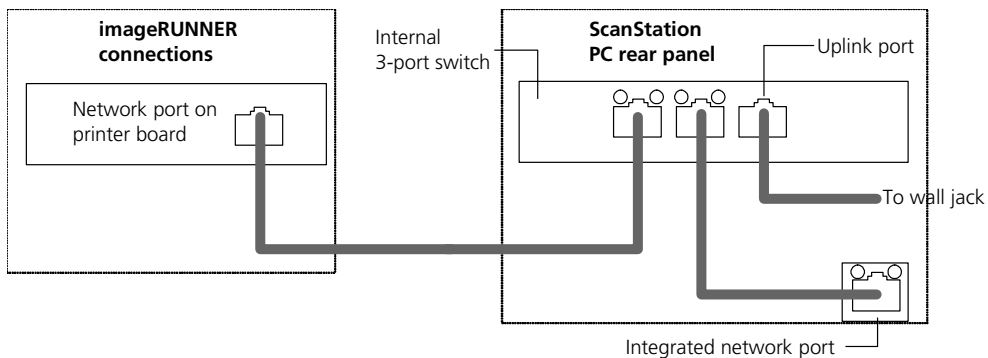
> If there is a second network jack near the eCopy ScanStation:

- > Connect the supplied long Ethernet cable from the network wall jack to the PC's integrated network port, as shown below. The internal 3-port switch is not required in this configuration.



> If there is only one network jack:

1. Remove the copier's network cable from the wall jack and connect it to the left port on the internal 3-port switch.
2. Connect the supplied long Ethernet cable from the network wall jack to the uplink port on the right of the internal 3-port switch.
3. Connect the supplied short Ethernet cable from the middle port of the internal 3-port switch to the PC's integrated network port.



Obtaining technical support

Technical support is available to registered users from eCopy during the warranty period or for the duration of your software support and maintenance agreement (contact your supplier for details).

When calling eCopy Technical Support, please be at your computer with your system powered on and be prepared to provide the technical support representative with the following information:

What to have	What it is
eCopy serial number	This number is used for eCopy ScanStations, eCopy ShareScan, and eCopy Desktop. It is 10 alpha-numeric digits long. The serial number is printed on stickers located in the following areas: on the eCopy ScanStation PC, on the shipping box, on the inside packaging box, and on the inside cover of the user manuals.
eCopy software version	The version and release of the eCopy software currently being used. You can find the version and release number of your installed eCopy software in the 'About...' selection in the application Help menu
Operating System	The operating system version that the eCopy software is running on along with any network information that can be provided
3rd Party Products	A list of 3 rd party applications that are used in conjunction with eCopy products, such as Microsoft Exchange/Outlook, Lotus Notes, Captaris RightFax, iManage, Domino.Doc, etc
Problem Description	A detailed description of the problem, steps to reproduce it and exact wording of any error messages
Contact Information	Dealer contact information as well as your contact information for follow up including name, e-mail address, and telephone number

US/North America:

Technical Support hours are Monday through Friday, 8:30AM to 5:30PM EST.

E-mail Support: support@ecopy.com

Phone Support: +1 (603) 881-4450

Outside North America:

Please contact your local dealer or Canon National Sales Organization.