DIGITUS

10/100 MBPS FAST ETHERNET 5/8-PORT DESKTOP SWITCH



(DN-50012)



(DN-50022)

User Manual

FCC STATEMENT

fivery 10/100 Switch has been tested and complies with the limits for a Class B digital device, rursuant to Part 15 of the FCC Rules, These limits are designed to provide reasonable protection against hamful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause hamful interference to radio communications. However, there is no putantiec that interference will not occur in a particular installation. If this equipment does cause hormful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1. Reorient or relocate the receiving antenna
- 2. Increase the separation between the equipment or devices
- 3. Connect the equipment to an outlet other than the receiver
- 4. Consult a dealer or an experienced radio/TV technician for assistance

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Chapter 1:

Introduction

This newly redesigned sPort and sPort 10/100 Switch can significantly increase the same function as a tub in a network design bying your network are seen to getter. But utilities are also mided how which divides the network's bandwidth among all and the second second as each port, installing this cost-effective SPort and the tub 10/100 Switch can permany our network speed as each port, installing this cost-effective SPort and the tub 10/100 Switch can permany our network speed by five, eight times! It's the perfect and flower tub 10/100 Switch can be seen as the second speed and second speed and speed and speed and speed are seen as the second speed and speed as the speed and s

Features

- Complies with the IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-T2.
- 5/8 ports 10/100Mbps TX Auto-Negotiation Ethernet Switch
- Full/Half-Duplex capability on every TX port
- Supports TP interface Acto MD(X function for aut) TX PX silep
- Automatic Source MAG Adioretic Learning and Aging.
- Success State & Forward and lacture and parforms forwarding and filtering
- Engagement Storming Filter function
- Essette the new control for Full-duplex
- Back Pressure function for Half-duplex operation
- Runt and CRC Filtering eliminates erroneous packets to optimize the network conditions.
- Support to handle up to 1522 bytes packet
- LED indicators for simple diagnostics and management
- Plug and Play

Specifications

- Standard

IEEE802.3 10Base-T Ethernet

IEEE802 3u 100Base-TX Fast Elhernet

Network Media:

100Base-TX - UTP/STP category 5 cable 10Base-T - UTP/STP category 3 or 5 cable

Connector: STP RJ-45 port for 10/100Mbps TX

2 LED adjustes

System - Power LED

Individual port – link/activity LEDs

- Dimension: 131mm(L) x 71mm(W) x 28mm(H)
- Temperature: Operating 0°C to 50°C Storage -20°C to 70°C
- Humidity: Operating 10% to 90% RH Storage 5% to 90% RH
- Input Power Requirement: 120VAC, 60Hz
- Registrations: FCC Part 15 Class A, CE

Chapter 2:

Hardware Description

This section describes the hardware features of the 5/8 Port Switch, familiarize yourself with its display indicators, and ports. From panel illustrations in this chapter display the unit LED indicators. Before connecting any network device to the Switch, read this chapter carefully.

Front Panel

The unit from panel provides a simple interface monitoring the Switch. It includes a power led and 5/8 led indicator for each part.

LED Function	Color	Description	
PWR	Green	Lin Power on	_
LNK/ACT	Green	Lit: Indicates the adapter is connected to switch Flash: Indicates data in or out the port	

Rear Panel

The rear panel of the 5/8 Port Switch indicates 5/8 RJ-45 PORT.



Figure of 5/8 Port Smart Switch rear panel

■ Side Panel

The side panel of the 5/8Port Switch indicates a AC inlet, which accepts 112 June 51-65Hz Power adapter



Chapter 3:

Hardware Installation

- Place the Switch on a smooth surface
 Connect the output of power cord to the AC-inlet of the Switch,
 Connect other IEEE802.3 compatible network device(Hub ,Switch,PC) to one port of the Switch using
- Connect onether IEEE/802, compatible network device (Hub., Switch.,PC) to another port of the Switch by following the same process as described in Step2,

Nonce:
The cable distance between the Switch and other IEEE802,3 compatible network device should not exceed 100 mater.

100 miser.

Make sure the wiring is correct
It can be used Category 3/4/5 cable in 10 Mbps operation. To reliably operate your network at 100Mbps,
you must use an Unshielded/shielded Twisted-Part (UTPSTP) Crategory 3 cable, or better Data Grade
cabling. While a Category 3 or 4 cable may initially seem to work, it will some cause data loss.
All kinds of IEEE802.3 compatible network device (thub, Switch, PC)can connect to the Switch by using
straight-through wires or crossover wires because of Switch's auto MDIX function.

Chapter 4:

Hardware Troubleshooting

This chapter contains information to help you solve problems. If the Switch is not functioning properly, make sure the Switch was set up according to instructions in this manual.

1. The Power LED is not lift

Solution

- a. Check if the AC power cord is well connected. Try to unplug and plug back the power cord to the LAN Switch or try another power cord
- b Check if the AC power source is in good condition

2 The Link LED is not lit

Solution

- a Make sure the Switch configuration is consistent with the connecting device
- b. Check the cable connections
- c. Make sure the cable distance between the Switch and other IEEE802.3 compatible network device should not exceed 100 meter.

3. Performance is bad Solution:

- a. Check the full duplex status of the Ethernet Switching. If the Ethernet Switching is set to full duplex and the partner is set to half duplex, then the performance will be poor.
- b. Make sure the cable between the switch and other IEEE802.3 compatible network device is Category 5 UTP at 100Mbps operation
- Some stations can not talk to other stations located on the other port

Solution

- a Check status of the Link LED to make sure the link is correct
- b Make sure that the workstation's network configuration is correct modify the network configuration of workstation if need.
- c. Please reset the switch if need.

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