Manuals+ — User Manuals Simplified.

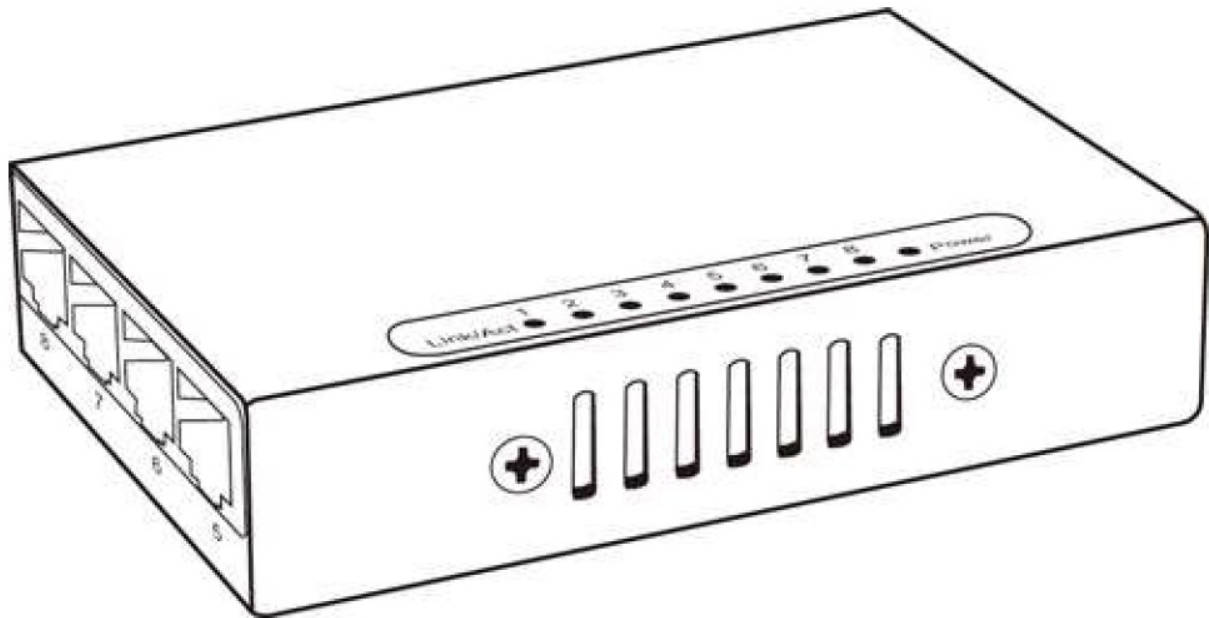# NETGEAR 8 Port Gigabit Ethernet Switch User Guide

NETGEAR®

NETGEAR 8 Port Gigabit Ethernet Switch

Introduction

This switch provides 8 10/100/1000M ports. It was designed for easy installation and high performance in an environment where traffic is on the network and the number of users increases continuously.
The small compact palm size was specifically designed for small to medium workgroups. It can be installed where space is limited; moreover, it provides smooth network migration and easy upgrade to network capacity.

Key Features

- 8 Port 10/100/1000M Switch
- Palm size with metal case
- Auto-learn of networking configurations
- Auto-detect full/half-duplex modes for any port
- Dedicated full-duplex 2000Mbps bandwidth
- Store-and-Forward switching methods
- IEEE 802.3x flow control for full-duplex and back-pressure flow control for half-duplex
- Non-blocking & Non-head-of-line blocking full wire speed forwarding
- Auto-MDI/MDI-X function for any port
- Smart plug & play

Power
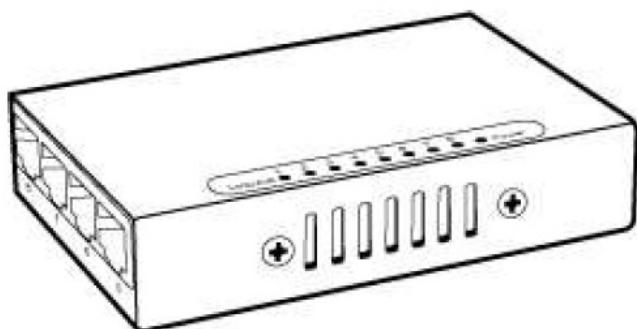Power is supplied through an external DC power adapter.

Front Panel (LEDs)
LED Indicators of 8 Port 10/100/1000M Switch

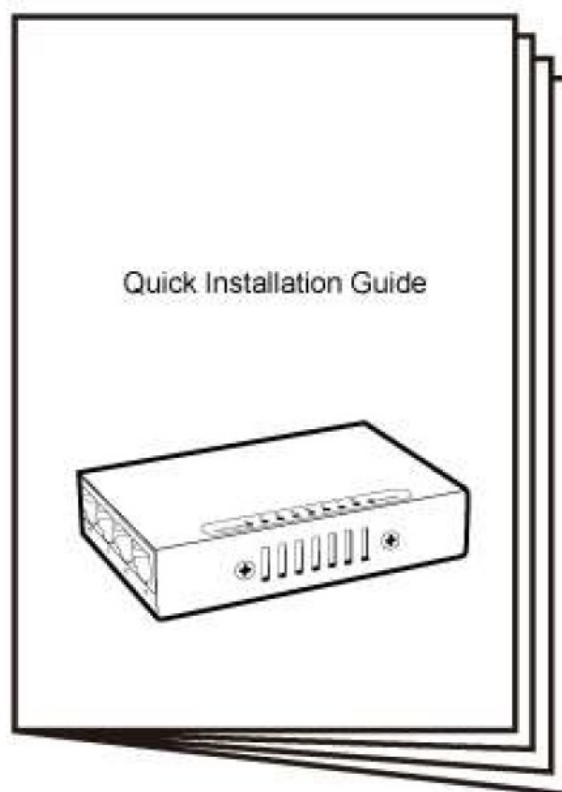| LED	Status	Operation
Power	On	Power is on.
	Off	Power is off.
LINK/ACT	On	Port is for connection
	Off	No connection.
	Flashing	Data is transmitting or receiving.

Package Contents

Before you start to install this switch, please verify your package that contains the following items:

- One Gigabit Ethernet Switch
- One Power Adapter
- One Quick Installation Guide

Power Adapter

Quick Installation Guide

Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow control
Features	Number of Ports: 8 MAC Address: 8K Buffer Memory: 1.5Mb Jumbo Frames: 9KB Transmission Method: Store and Forward
Filtering/ Forwarding Rates	1000Mbps port –1,488,000pps 100Mbps port – 148,800pps 10Mbps – 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
LED Indicators	Power, Link/ACT
Power Supply	DC 5V/1.2A
Power Consumption	4 Watts (Max)

Dimensions	21 x 94 x 62 mm
Operating Temperature	0 to 50 °C
Storage Temperature	-20 to 80 °C
Humidity	Max. 90% RH (non-condensing)

Documents / Resources

NETGEAR 8 Port Gigabit Ethernet Switch [pdf] User Guide
8 Port Gigabit Ethernet Switch, Gigabit Ethernet Switch, Ethernet Switch