

D-Link[®]

ENGLISH

DES-1218R/1226R

Fast Ethernet Switch With 2 Gigabit Port Installation Guide

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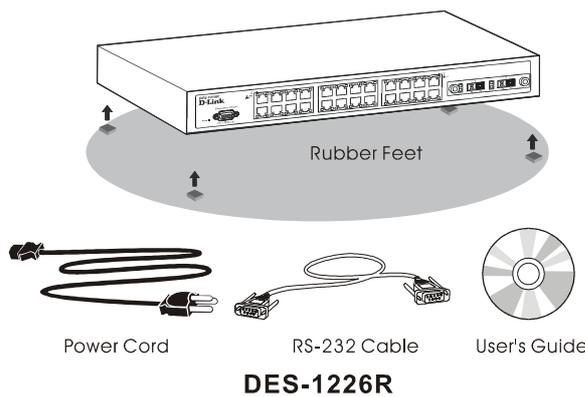
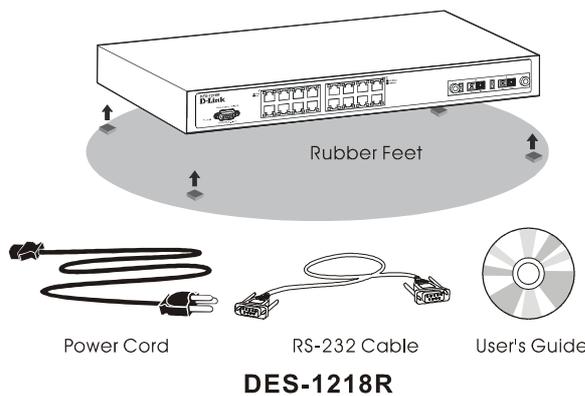
RECYCLABLE

Introduction

This Quick Installation Guide gives illustrations for configuring DES-12xx series Fast Ethernet Switches. The model you have purchased may appear slightly different from those shown in the illustrations. Examples in this manual are based on DES-1218R/DES-1226R switches. However, the information provided also applies to new model in the future. For more detailed information about the switch, its components, making network connections and technical specifications, please refer to the User's Guide included with your switch.

Unpacking

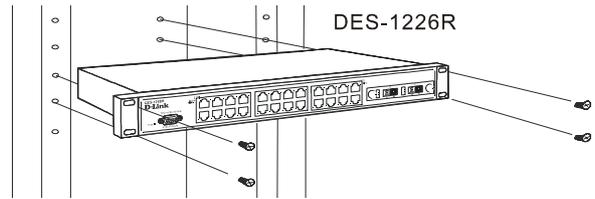
Please make sure the following items are present and undamaged.



Rack Installation

Attaching the mounting brackets on the switch's front panel (one on each side) and secures them with the screws provided.

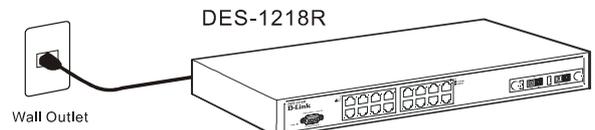
Then, use the screws provided with the equipment rack to mount the Switch in the rack.



Plugging in the AC Power Cord

Please connect the AC power cord into an electrical outlet (preferably one that is grounded and surge protected) and into the rear of the switch.

Once the switch is powered on, you will be able to immediately see whether the network connection are valid or not. A valid connection will cause the *Link/Rx* LED on the front panel of the switch to light up for the corresponding port being connected.



Connecting End Stations

Computers, servers and routers can be connected to the switch by using normal straight-through twisted-pair network cables. 10Mbps Ethernet connections should use Category 3 or better UTP cabling, while 100Mbps Fast Ethernet connections should use Category 5 or better UTP or STP cabling. On the other hand, Gigabit Ethernet connections will use fiber optic cables. For more information about cable types, please refer to the User's Guide.

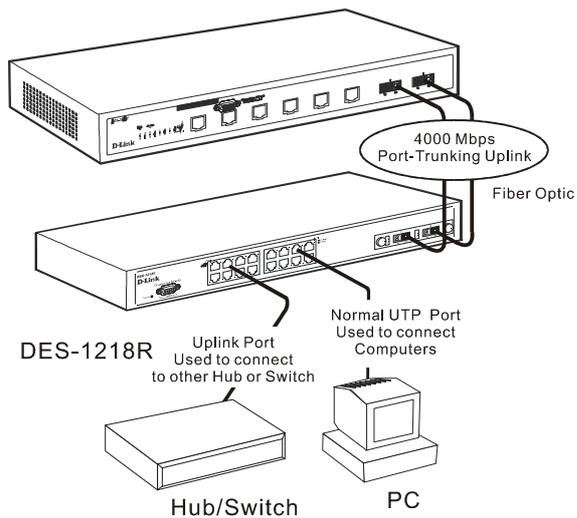
Ethernet uses a star topology, so please be attention that cables should never be connected to form a loop. Data sent from one computer should have one, and only one path to the destination computer.

Uplinking

The switch can be Uplinked to other network devices (hubs, hub stacks, bridges, switches, etc.).

When making uplink connections, make sure there is only a single connection, and always connect an Uplink port on one switch to a non-Uplink port on the other device, as shown in the diagram below.

The following diagram shows one type of network connections that can be made to the switch. For more connection implementations please refer to the User's Guide or consult your vendor.



Additional Information

If you are encountering problems setting up your network, please refer to the User's Guide that came with the switch. It contains many more rules, charts, explanations and examples to help you get your network up and running.

Additional help is available online at <http://www.dlink.com> for the United States and <http://www.dlink.co.uk> for Great Britain. URLs for D-Link Websites in other countries are contained in the list at the back of the User's Guide.