

DIREKTRONIK

Dataprodukter utöver det vanliga

User Guide

Direktronik Connect Omanagerad 4+4xPoE

DIREKTRONIK

Direktronik AB tel. 08-52 400 700 www.direktronik.se

Package Contents

Check the following contents of your package:

- PoE Switch *1
- User Guide *1
- Power Cord *1
- Accessories(Rubber Feet*4)

If any part is lost and damaged, please contact your local agent immediately.

Introduction

20117389 is Fast uplink Switch which provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to boost your old network to 1000Mbps. Increase the speed of your network server and backbone connections, making Gigabit connection to a server or uplink a network necessarily.

Its PoE ports can automatically detect and supply power with those IEEE 802.3af/at compliant Powered Devices (PD).

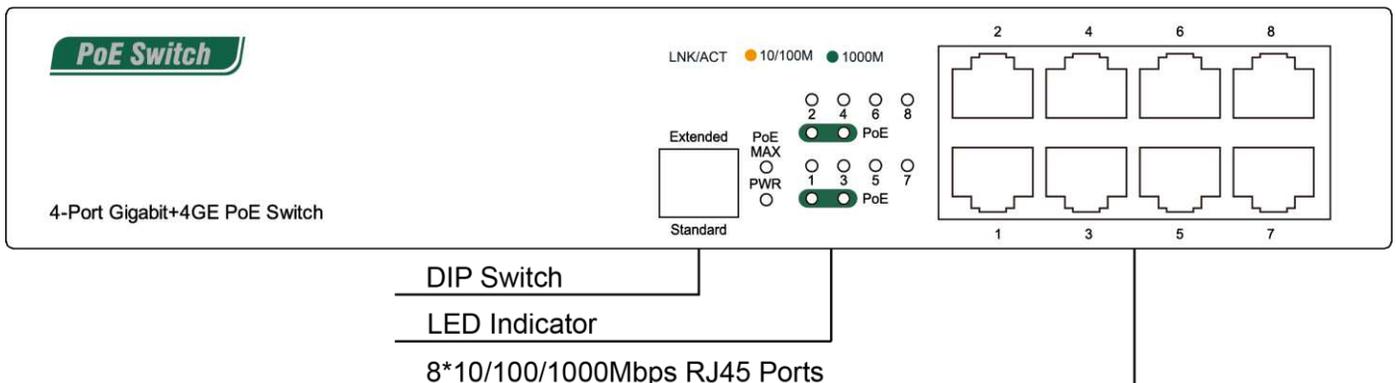
The electrical power is transmitted along with data in one single cable allowing you to expand your network where

There are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

Hardware Description

Front Panel

The Front Panel Consists of Ethernet Ports. The LED indicators are also located on the panel.



DIP Switch

Standard mode

Numbers 1-4 correspond to PoE Port1 ~ Port4.

This mode makes the PoE Switch operate as a general switch and all PoE ports operate at 10/100/1000Mbps auto-negotiation

Extend mode

This mode makes the PoE ports of PoE Switch operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach 200m

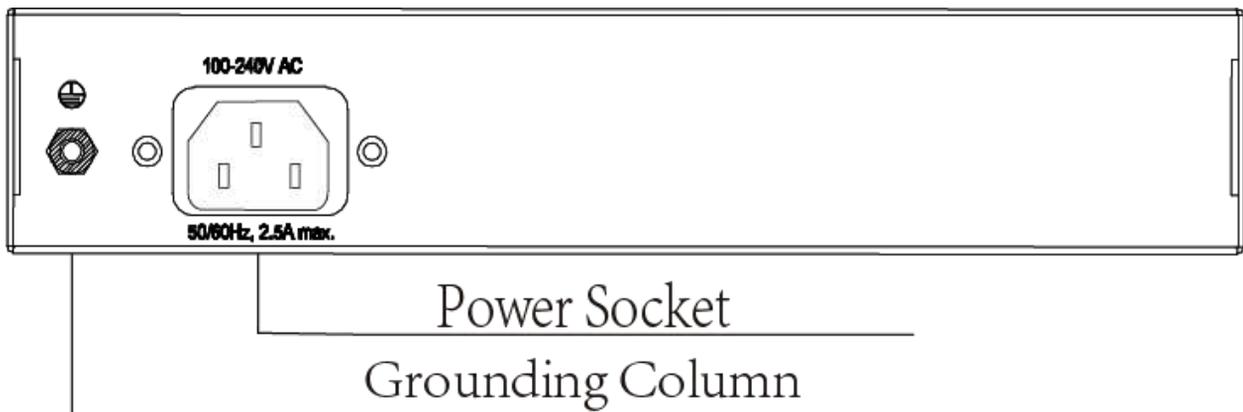
Note: After changing the mode, no power failure is required to make the corresponding configuration take effect

LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.
PoE MAX	Green	Light: Indicates the PoE usage is 85%~100%
LNK/ACT	Orange	Off: No device is connected to the corresponding port. Light: : Indicates the link through that port is successfully Established at 10/100Mbps. Blink: Indicates that the Switch is actively sending or Receiving data over that port.
	Green	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully Established at 1000Mbps. Blink: Indicates that the Switch is actively sending or Receiving data over that port.
PoE	Orange	Off: No PoE powered device (PD) connected. Light: There is a PD connected to port, which Supply power successfully.

Rear Panel

The rear panel of the PoE Switch indicates an AC inlet power socket, which accepts input power from 100 to 240V AC, 50/60HZ.



Power socket

Connect the female connector of the power cord here, and the male connector to the AC(Alternating Current) power outlet. Please make sure the voltage of the power supply meets the requirement of the input voltage

Grounding column

The switch already comes with lightning protection mechanism. You can also ground the switch through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

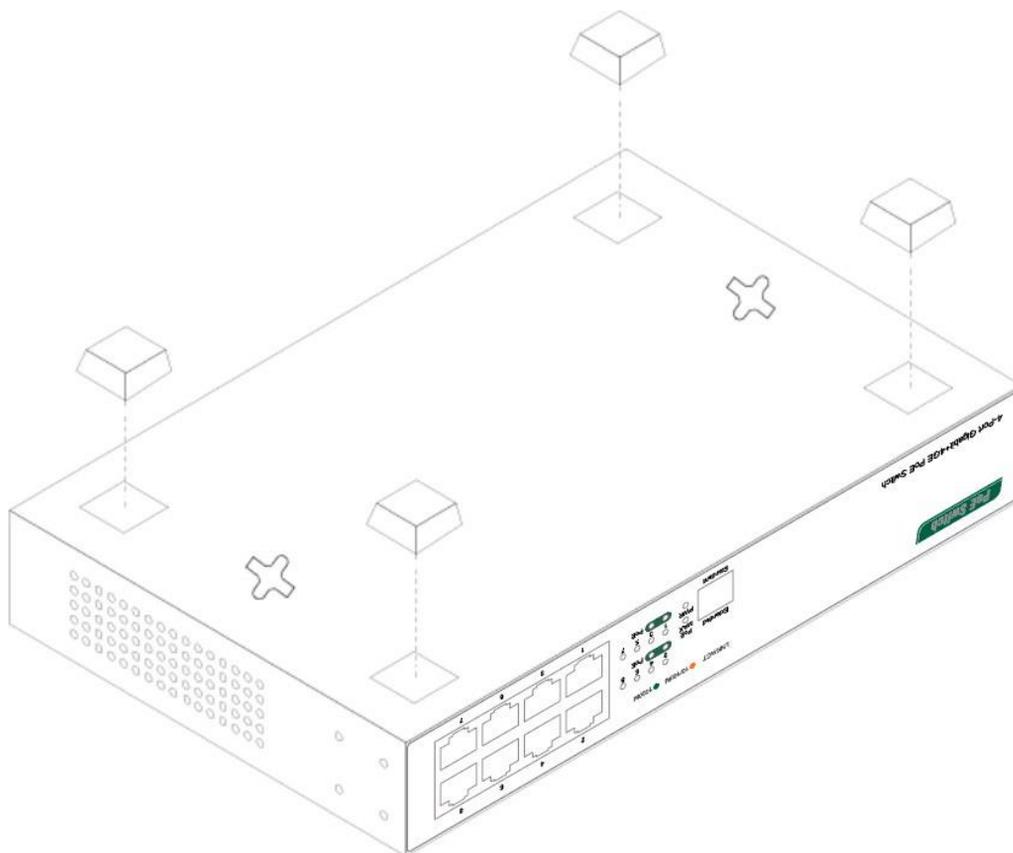
Installation the Switch

This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.

- Before cleaning the switch, unplug the power plug of the switch first. Do not clean the switch with wet cloth or liquid;
- Do not place the switch near water or any damp area. Prevent water or moisture from entering the switch chassis;
- Do not place the switch on an unstable case or desk. The switch might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the switch free of obstruction;
- Make sure that the operating voltage is the same one labeled on the switch;
- To avoid the danger of electric shock, do not open the chassis without authorization; If any fault occurs, contact professional maintenance personnel.

Desktop Installation

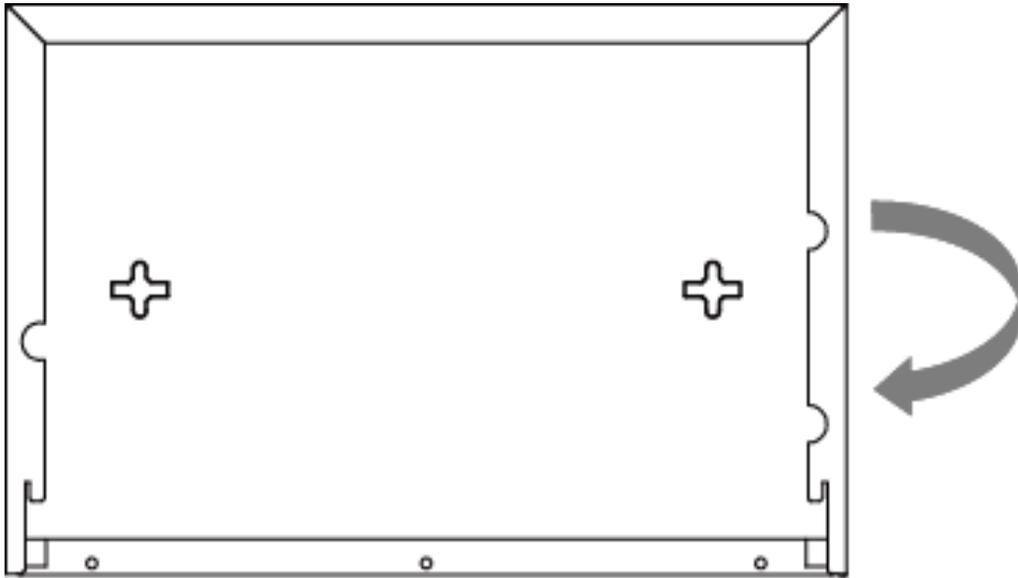
Install the Switch on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the Switch in case of the external vibration. Allow adequate space for ventilation between the device and the objects around it.



Wall-mounted installation

In the first two fixed screw on the wall as shown in the figure below

Aim at the two fixed hole switches, and the machine smoothly on the screw



Turn on the switch

Please connect the AC power cord into the rear of the switch and to an electrical outlet (preferably one that is grounded). When the switch is power on, the LED indicators flash momentarily for one second, which represents a resetting of the system. The Power LED indicator turns on green.

Note: Please confirm the voltage is correct before power on, otherwise the switch will be damaged.

(The power input is:100V-240Vac, 50/60Hz.)

Specifications

Model	Direktronik Connect Omanagerad 4+4xPoE
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab ,IEEE802.3az, IEEE802.3x,IEEE802.3af, IEEE802.3at
Network Media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m)
MAC Address Table	4K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Frame Forward Rate	11.9Mpps
Switching Capacity	16Gbps
Dimensions (L*W*H)	220 *150*44mm
Fan	Fanless
Power Input	AC: 100~240V, 50/60Hz
PoE Port	Port1~4
PoE Power on RJ45	Mode A 1/2(+),3/6(-)
PoE Power Output	Voltage: 55V DC Power: 30W(Max)
PoE Power Budget	60W
Temperature	Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing

The logo for DIREKTRONIK features the brand name in a bold, italicized, sans-serif font. The letters are white with a thick red outline, set against a yellow background that curves upwards from the bottom of the page.

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