User Manual

Switch
GP5

DEXP

Contents

Dear Customer,

Thank you for choosing our products.
We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

Intended Use

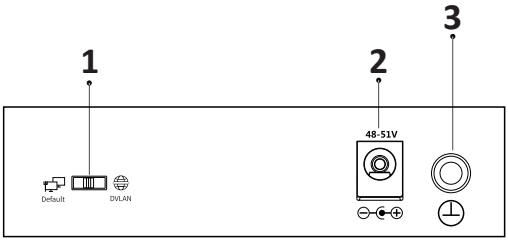
A switch is a device designed to connect multiple nodes of a computer network within one or more network segments.

Safety Precautions

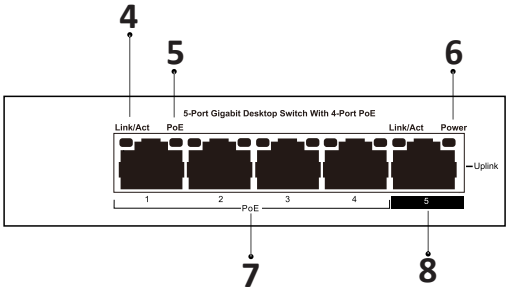
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.
- This device is not intended for commercial use.
- Before plug in, make sure that the voltage of your home power source corresponds to the devices specifications.
- Plug the device only into a grounded outlet. The power outlet must be easily accessible to disconnect the device in an emergency.
- The manufacturer is not responsible for any radio or television interference caused by unauthorized modifications to this device.
- Do not disassemble the device yourself to avoid electric shock as well as loss of warranty rights. This device contains no user-serviceable parts. Maintenance and repairs should only be performed by qualified technicians at an authorized service center.
- To prevent excessive radiation, it is recommended to use a shielded RJ45 cable.
- This device generates, uses, and radiates radio frequency energy. If it is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

Device Diagram

Front Panel



Back Panel



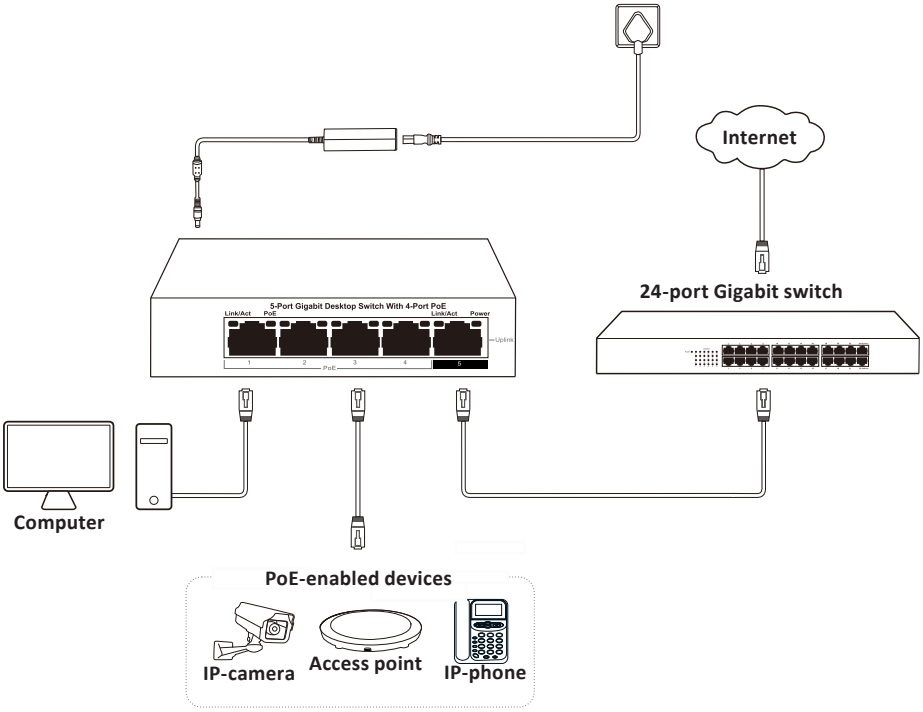
1. Mode switch.
2. Power connector.
3. Grounding contact.
4. Link/Act indicator.
5. PoE indicator.
6. Power indicator.
7. PoE ports.
8. Uplink port.

Intended Use of Ports, Switches, Connectors, and Contacts

Port / Switch / Connector / Contact	Intended Use
PoE (ports 1–4)	PoE ports are designed to supply power and exchange data with connected devices that support the IEEE 802.3af and IEEE 802.3at standards
Uplink (port 5)	A port that does not support PoE, intended for connection to a router or main switch
Network mode switch Default/VLAN	**Default:** In this mode, all switch ports can communicate with each other **VLAN:** In this mode, ports 1–4 cannot communicate with each other, but they can all communicate with port 5 (the Uplink port).
48–51 V Power connector	For connection to an outlet via the power adapter supplied with the device
Grounding contact	Connect to a grounding cable for lightning protection

Connecting to Devices

The switch supports automatic MDI/MDIX cable type detection. You can use a straight-through or crossover cable to connect the switch to Ethernet-compatible devices.
The diagram below shows a typical topology of the switch and the devices connected to it.



CAUTION: PoE ports have assigned power priority to protect the switch from overload. Power priority decreases as the port number increases. When the total power of connected devices exceeds 58 W, power to the device on the lower-priority port is cut off until the total power consumption drops back to 58 W.
For example, devices connected to ports 1, 2, and 4 draw a total of 46.2 W. As soon as a 12 W device is connected to port 3, power to the device on port 4 will be cut off.

LED Indicator Status

Indicator	Description
Link/Act indicates link presence and port network activity (Top left corner; ports 1–5)	**Solid:** A device is connected to the port
	Flashing: Data is being transmitted or received
	Turn off: A device is not connected to the port or is connected incorrectly
PoE indicates data transmission and device power status (Top right corner; ports 1–4)	**Solid:** A device is connected to the port. The device power via the port is being supplied successfully
	Turn off: A device is not connected to the port, or the device is not receiving power via the port
	Flashed once: The power consumption of connected devices exceeds the port's maximum power rating **Flashes continuously:** The total power consumption of connected devices exceeds the switch's power capacity; power is not being supplied to the device connected to the port
Power	**Solid:** The switch is powered on
	Turn off: The switch is off, or there is a power issue

Specifications

- Model: GP5.
- Trademark: DEXP.
- Dimensions: 100 × 100 × 26 mm.
- Switching capacity: 10 Gbps.
- Packet forwarding rate: 7.44 million packets per second.
- Standards and protocols: IEEE 802.3; IEEE 802.3u; IEEE 802.3x; IEEE 802.3af;IEEE 802.3at.
- Interfaces:
  - 4 × 10/100/1000 Mbps.
  - 1 × 10/100/1000 Mbps.
- Indicators:
  - Link/Act.
  - PoE.
  - Power indicator.
- Power supply:
  - Input: 100–240 V ~ 50/60 Hz.
  - Output: 51 V ⎓ 1.25 A.
- Support:
  - Wire-speed forwarding.
  - Forwarding mode.
- Lightning protection: 6 kV.
- Max. power consumption with all ports connected: < 63.7 W.
- MAC address table: 2K.

Package Contents

Switch, power adapter, mounting kit, user manual.

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 36 months
Service Life: 36 months

For the up-to-date list of authorized service centers, please visit:
https://www.dns-shop.ru/service-center/

Additional Information

Manufacturer: SHENZHEN IP-COM NETWORKS CO., LTD.
Tower E3, №1001 International E-City, Zhongshanyuan Road, Nanshan District, Shenzhen, China

Made in China.

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.

The production date is indicated on the packaging.

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