GrandEye

24 PORTS POE SWITCH

GE-P2403G-UT

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24 Ports PoE Switch

Shop No. 338/1, G.M. Complex, Ganthipuram Sixth St, Gandipuram, Coimbatore, Tamil Nadu 641012

+0 98433 59251

nidhienterprisescbe@gmail.com
www.grandeye.net

Introduction

Overview

The 24 ports PoE switch is an unmanaged PoE Ethernet switch along with 16/24 * 100Base-TX downlink PoE ports and 2 * 1000Base-TX uplink Ethernet ports featuring 30-watt 802.3at PoE+ as well as 1 additional Gigabit Combo port. The total PoE power budget is up to 270/390 watts. It supports web-based PoE management and real-time PoE output LED display.The device can be widely used in video security monitoring systems, network projects, etc.t
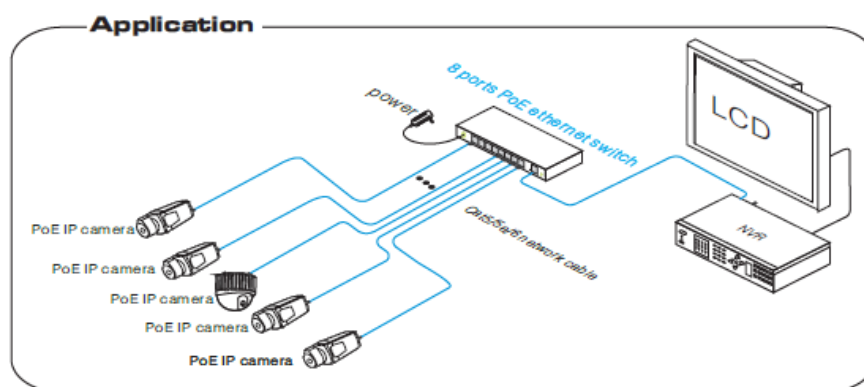
Product Feature

❖ Provide 24x 100Mbps downlink PoE Ethernet ports, 2x gigabit uplink Ethernet ports and 1x gigabit Fiber port;

❖ Downlink Ethernet ports support PoE+, each port supports max. 30W output;

❖ Support power consumption indication(LED indicates power output status); support manage PoE on/off and power consumption setting via Web;

❖ Accord with IEEE802. 3   IEEE802. 3u   IEEE802. 3ab   IEEE802. 3 af/ at standard;

❖ 4K MAC address,2. 75Mb cache;

❖ Quick installation, easy operation, convenient for wall-mounted   desktop and rack installations.
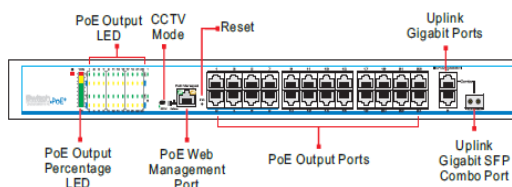
Feature

❖ Major ports 2* Gigabit uplink Ethernet ports, which design is convenient to connect external network system;8* 10/100Mbps downlink PoE Ethernet ports, each of them supports MDI/MDIX;

❖ Special Function One Key CCTV Mode: Support VLAN and restrain network storm;1~8 downlink ports can only communicate with uplink ports; the further transmission distance up to 250m in CCTV mode with the transmission speed rate 10Mbps;

❖ Input Power DC48V~57V;

❖ Transmission Distance: In Default mode, the distance of Ethernet port is 100m;In CCTV mode, the distance of downlink 1~8 ports up to 250m;

❖ Standard Accord with IEEE802.3, IEEE802.3u, IEEE802.Saf, IEEE802.3at standard; PoE meets End-Span;

❖ Protection superior lightning protection up to 6KV,excellent ESD protection and anti-interference ability.
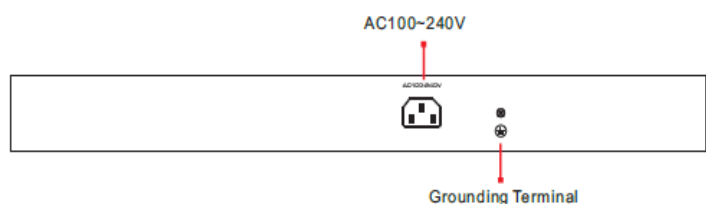
Application

Board Diagram

Front Board

Back Board

Specification

Item		Description
Product Type	Product Type	24ports
Port Description	Downlink Ethernet Ports	24×RJ45,PoE+ 10/ 100Base- TX
	Uplink Ethernet Ports	2* 10/ 100/ 1000Base- T+ 1* 1000Base- X(combo)
	Power Input	1×AC Female Terminal
PoE&Power	PoE Power Supply	End- span(1/ 2 3/ 6),IEEE802. 3 af/ at
	PoE Max. Power	390W
	Single Port Power Output& Voltage	Single Port PoE Power Output≤30W, Voltage 54VDC
PoE Web Management	PoE Management	Via Web(Default IP Address 192. 168. 1. 200) to check, on/off and adjust each port PoE output
Reset Button	PoE Web Reset	Long- press 3s, all Link LED solid on about 10s, switch reset to factory
One-key CCTV	CCTV Mode	1. Downlink ports only communicate with uplink ports; 2. Restrain network storm under 2Mbps
Network Parameters	Network Standard	IEEE 802. 3, IEEE 802. 3u, IEEE 802. 3 ab
	Transmission Distance	100m(Max.)
	Exchange Capacity	8.8Gbps
	Packet Transfer Rate	5.36Mpps
	MAC Address	4K
	Packet Data Cache	2. 75Mb
Indicators Status	Power Input	1x Red LED
	Downlink Ethernet Ports	Link:24x Green LED PoE:24x Yellow LED
	Uplink Ethernet Port	2x Green LED
	PoE Power Output Percent	10x LED(Including 7x Green, 2x Yellow, 1x Red), separately indicate
Protection Level	ESD	6KV/8KV, Per:IEC61000-4-2
	Surge Protection	6KV, Per: IEC61000- 4- 5
Operation Environment	Operation Tem- perature	-10 45
	Storage Temperature	-40 85
	Humidity(Non- condensing)	0 95%
Mechanics	Dimensions(LxWxH)	442mm*285mm*44.5mm
	Material	Iron
	Color	Black

Shipping List

Please check the following items before installation, if any missing, please contact your local dealer.

Power Input	Power Input	Power Input	Power Input
1	Device	1	Set
2	AC Power Line	1	Piece
3	Acc essories	1	Set
4	Use r Manual	1	Piece

Installation Requirements

The device should work in indoor environment to avoid thunder stroke. It is important to obey the following requirements no matter you install it in the cabinet or on the workbench directly:

❖ Enough space (larger than 10cm) for air outlet so as to facilitate the heating dissipation;

❖ Good ventilation system for cabinets and workbench;

❖ Cabinet and workbench is sturdy enough to support the injector and it's accessories's weight;

❖ Cabinet and workbench have good grounding.

Trouble shooting

If any trouble in installation, please follow these steps:

❖ Please find the following solution when the device doesn't work

❖ Please confirm the installation is correct

❖ Please confirm whether the sequence of RJ45 cable meet the EIA/TIA568A or 568B industry standards;

❖ Please replace device which can not work with a properly working one to check

❖ whether the device is broken;

Please contact the factory if the problem stays unsolved.