CONNECTING THE WORLD.

**ORCA - Switch POE 8 Porte 10/100 +
1 porta 10/100 per uplink Ethernet**

1. Introduction

ORCA 8 ports PoE Ethernet Switch is the security surveillance Ethernet Switch which aims at Ethernet high definition surveillance and Ethernet project security system. The product fully combines the characteristics of security surveillance, provides fast packet forwarding ability and abundant backplane bandwidth, which ensures clear image and fluent transmission. ESD and surge protection circuit can improve product stability. The product supports one key CCTV model, can achieve VLAN, control the Net storm, protect the information security, prevent the viral transmission and Ethernet attack, fully satisfy the Ethernet video security surveillance system and Ethernet project needs.
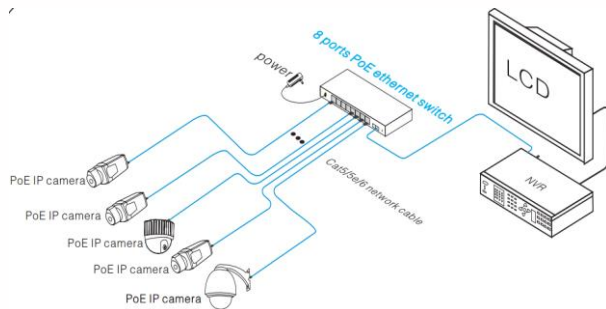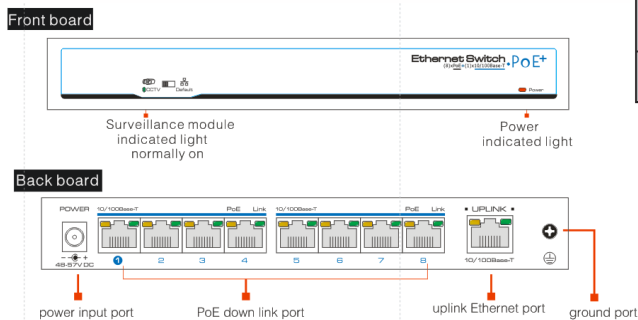
2. Product Picture

3. Feature

- Major ports: 1pc 100Mbps uplink Ethernet port, 8 pcs 100Mbps downlink Ethernet port , each port supports MDI/MDIX;

- Special function: One key CCTV mode; 1 ~ 8 downlink ports can only communicate with uplink ports;

- Power input: DC48V ~ 57V;

- Transmission Distance: 0 ~ 100m; the furthest transmission distance could reach 250m in CCTV model; Uplink port can reach 100m;

- Standard: Meet IEEE802.3 、IEEE802.3u、IEEE802.3 af/at standards,PoE use End-Span, the spare cable can be of other use;

- Protection: Excellent anti-thunder, anti-static and anti-interference ability;

- Appearance: Delicate design and easy installation, configure the anti-theft lock hole,guard against theft;

- Operation: Plug and Play, No Setting required.

4. Application

5. Board Diagram

6. Specification

Item		Description
Power	Power Supply	Power Adaptor
	Voltage Range	DC48V~54V
	Consumption	<5W
Ethernet	Speed	1~8 port:Default:10/100Mbps; CCTV:10Mbps; UPLINK:100Mbps
	Transmission Distance	1~8 port:Default:0~100m; CCTV:0~250m; Uplink:0~100m
Network Switch	Ethenet Standard	IEEE 802.3/802.3u/802.3af/at
	Backplane Bandwidth	1.8Gbps
	Packet Forwarding Rate	1.34Mpps
	Packet Buffer	768K
	MAC	2K
Status Indicator	Power Light	1pcs (Red)
	Ethernet Port Light	2pcs(Yellow&Green) on RJ45,yellow indicates PoE, green indicates Link/Act
	Surveillance Module Light	1pcs(Green), green indicates CCTV

Protection Level	Pluse Group	Level 3 Standard: IEC61000-4-4			
	ESD	1a Contact Discharge Level 3 1b Air Discharge Level 3 Standard: IEC61000-4-2			
	Anti-thunder Level	6KV Standard: IEC61000-4-5			
Working Environment	Working Temperature	-10℃~55℃			
	Storage Temperature	-40℃~85℃			
	Humidity(Non-condesing)	0~95%			
Mechanical	Dimension(L*W*H)	200mm × 101.8mm × 27mm			
	Out Shell	Galvanized Sheet			
	Color	Black			
	Weight	500g			
Power/Distance 54V	Distance	100m	150m	200m	250m
	Power	26W	24W	23W	21W

Ordering Guide

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Features maybe changed without prior notice
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