

ORCA - Switch 4 Porte 10/100 HPOE + 2 porte 10/100 per uplink

3 Feature

1 Introduction

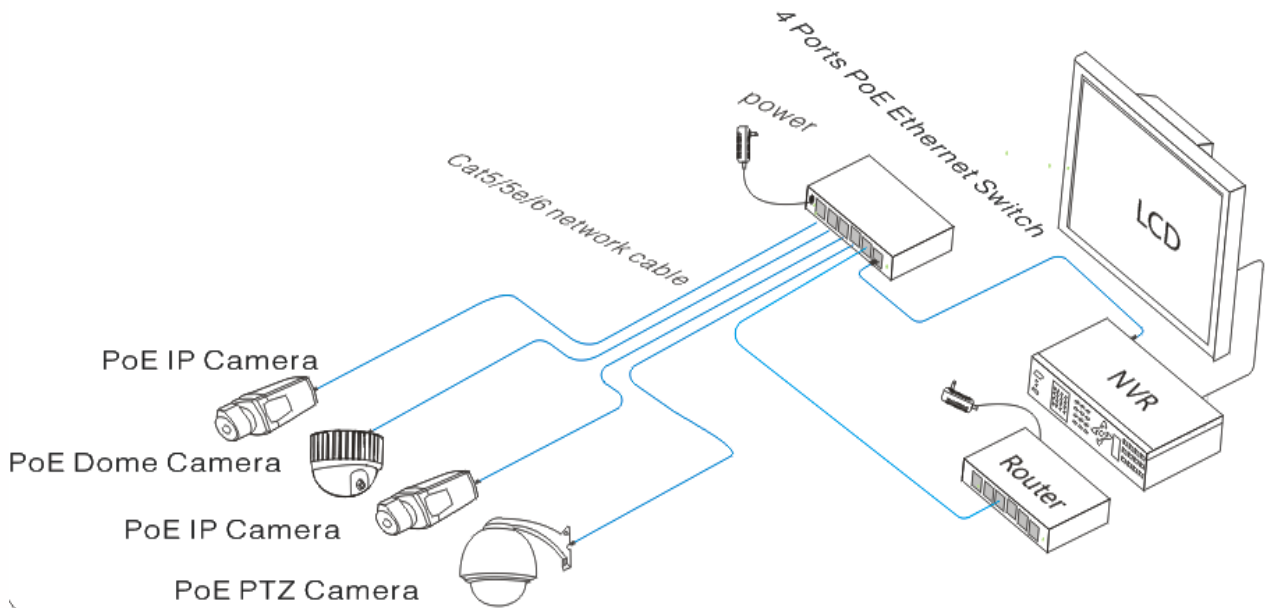
4 ports PoE Ethernet Switch is a security surveillance Ethernet Switch which aims at Ethernet high definition surveillance and security system. The product fully combines the characteristics of security surveillance, provides fast packet forwarding ability and abundant backplane bandwidth, which ensures clear image and fluent transmission. ESD and surge protection circuit can improve product stability. The product supports one key CCTV model, with VLAN function can restrain the network storm, protect the information security, prevent the viral transmission and cyber attack, fully satisfy the Ethernet video security surveillance system and Ethernet project needs.

- Major ports: 2pcs*100Mbps uplink Ethernet port(reserve a port to connect internet);4pcs*100Mbps downlink PoE Ethernet ports , every port supports MDI/MDIX;
- Special function: One key CCTV model; 1~4 downlink ports can only communicate with uplink ports;
- Power input: DC48V ~ 57V;
- Transmission Distance : Ethernet port 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.

2 Product Picture



4 Application



5 Board Diagram

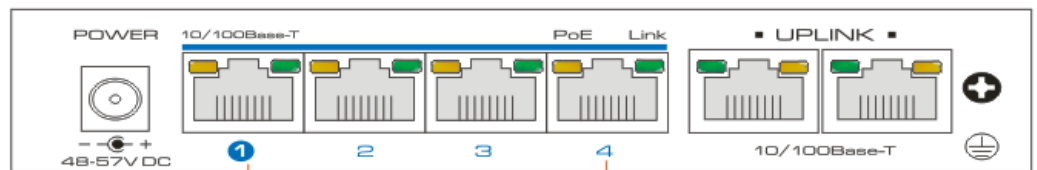
Front board



Surveillance module indicated light normally on

Power indicated light

Back board



Power input port

PoE downlink Ethernet port

Ethernet port

Ground

6 Specification

Item		Description
Power	Power Supply	Power Adaptor
	Voltage Range	DC48V~54V
	Consumption	<5W
Ethernet	Speed	1-4 port:Default:10/100Mbps; CCTV:10Mbps; UPLINK:100Mbps
	Transmission Distance	1-4 port:Default:0~100m; CCTV:0~250m; UPLINK:100m
Network Switch	Ethernet Standard	IEEE 802.3/802.3u/802.3af/at
	Backplane Bandwidth	1.2Gbps
	Packet Forwarding Rate	0.75Mpps
	Packet Buffer	768K
	MAC	2K
Status Indicator	Power Light	1 pc (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°C~55°C			
	Storage Temperature	-40°C~85°C			
	Humidity(Non-condensing)	0~95%			
Mechanical	Dimension(L*W*H)	135mm × 85.6mm × 27mm			
	Out Shell	Galvanized Sheet			
	Color	Black			
	Weight	315g			
Power/Distance 54V	Distance	100m	150m	200m	250m
	Power	26W	24W	23W	21W

Ordering Guide

OC-481212-04 ORCA - Switch 4 Porte 10/100 HPOE
+ 2 porte 10/100 per uplink

Features maybe changed without prior notice
www.orcasystem.com