



### Description:



UTP3-SW04-TP60 is a security surveillance Ethernet Switch which aims at Ethernet high definition surveillance and Ethernet 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. Inserted static, surge protection circuit can improve product stability. The product supports one key CCTV mode, can achieve VLAN after configuration, 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.

### Features:

- Major ports: 2 pcs 100Mbps uplink Ethernet ports, 4 pcs 100Mbps down link Ethernet ports, every port supports MDI/MDIX;
- Special function: One key CCTV mode; 1~4 downlink ports can only communicate with uplink ports;
- Power input: DC48V~57V;
- Transmission Distance: Ethernet port 0~100m;
- 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.

### Advantages

## Innovative Dual Uplink Ports .1

Innovative 100Mbps downlink ports and dual 100Mbps uplink ports design. One piece of Switch is a set of small typed surveillance transmission system which could not only meet needs of HD security cameras access, but also meet needs of local NVR storage and convergence switch or network access.



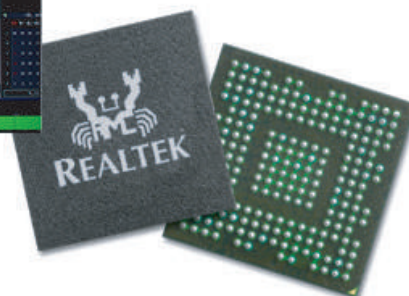
## 2. One Key CCTV Mode

Extends transmission distance up to 250m; VLAN function to insulate communication among ports and ensure a higher forwarding efficiency and securer system;  
Auto-identify and restrain Network storm under 2M, maintain a safe and stable network.



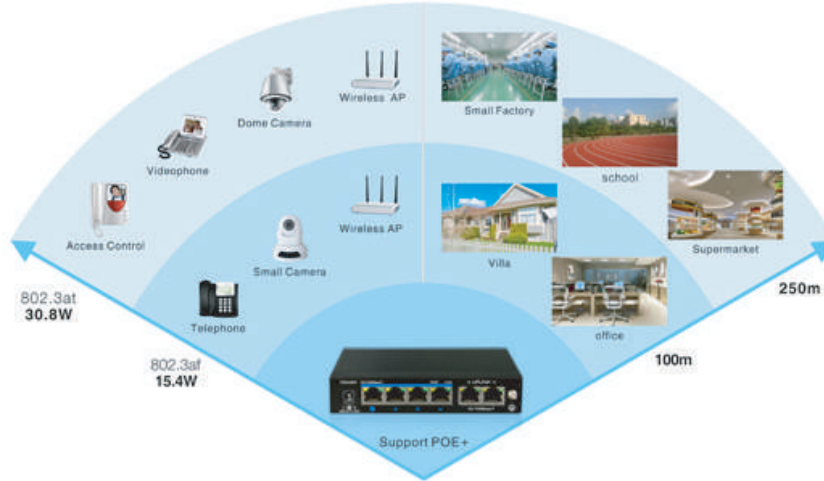
## Professional Chip Solution

2048 bytes long and high efficient packet forwarding;  
55nm manufacturing processes chip with low power consumption and multifunction;  
768K large cache design, fluent video effect.



# 4. POE+ Standard 250m

Adopt high power output, Max. 30W for each port, meet power supply needs of most cameras and Network access equipments. Although fully connected with PoE cameras at night, the switch can realize 250m long distance transmission and PoE+ power supply.



## Security-purpose

Level 4 or above lightning protection & anti-interference design to ensure a stable and reliable operation environment for devices under weak wells or various complex security projects.

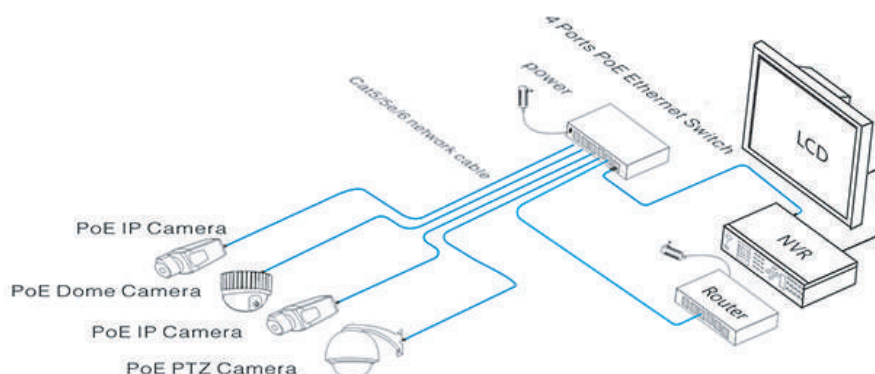


0°C / 55°C

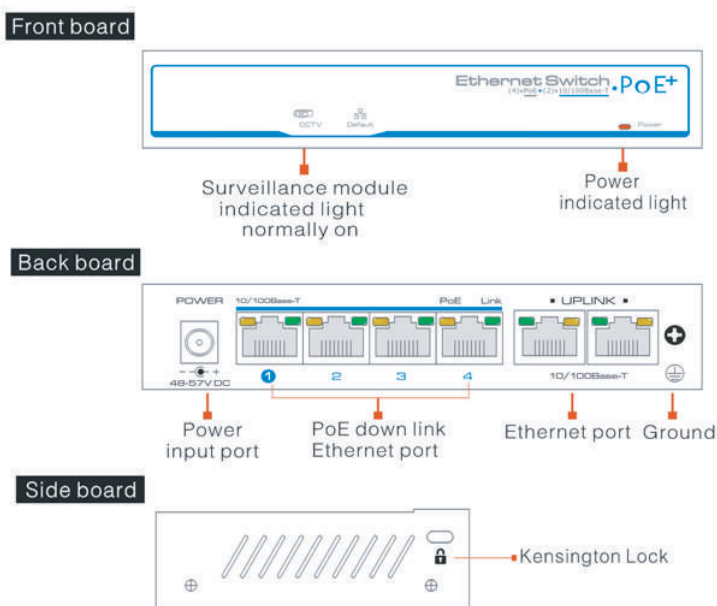
Level 4 lightning protection / Level 3 ESD



## Application



## Board Diagram



## SPECIFICATIONS

Item	Description				
Power	Power Supply	Power Adaptor			
	Voltage Range	Please refer to table a 1 and 2			
	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	Ethenet Standard	IEEE 802.3/802.3u/802.3af/at			
	Backplane Bandwidth	1.0G			
	Packet Forwarding	0.75Mbps			
	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	1pcs(Green), green indicates CCTV			
Protection Level	Pluse Group	Level 2 Standard: IEC61000-4-4			
	ESD	1a Contact Discharge Level 3 1b Air Discharge Level 3 Standard: IEC61000-4-2			
	Anti-thunder Level	Level 3 Standard: IEC61000-4-5			
Working Environment	Working Temperature	0°C~55°C			
	Storage Temperature	-40°C~85°C			
	Humidity(Non-	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