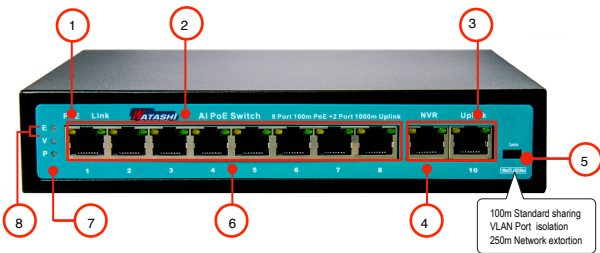# WSC057A

1 PoE status indicator 2 Network downlink indicator 3 Network uplink indicator

4 Network uplink port 5 Function control switch 6 1-8port PoE power supply

7 Power indicator 8 Function indicator:E - Extend V - VLAN

Features

*Main Function: Provide 8x10/100 Base-T Ethernet ports(PoE) , 2x10/100/1000 Base-T Ethernet ports

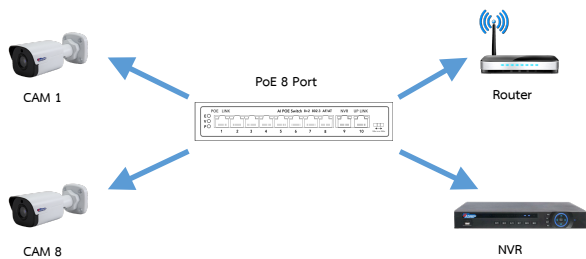 *Compliance with standards: IEEE802.3 ,IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3X, IEEE802.3 af/at

*PoE Power Display : Support 8 LED digital tube display machine PoE power usage. whole machine reaches 144W PoE power output

*One-key Smart: Support three kinds of working modes (100m, VLAN, 250m)

*Safeguard: short circuit, broken circuit, over-voltage, over-current, under-voltage, surge

*Operating temperature: -40°C ~ 55°C (-40~+131F)

Application

8port100M+2port1000M standard AI Smart POE Switch (AC220V)		
Technical Parameters	Standard	IEEE 802.3 af/at use for Power-over-Ethernet
		IEEE 802.3 use for 10BaseT
		IEEE 802.3u use for 100BaseT(X)
		IEEE 802.3x flow control
interface	RJ45 POE Port	8 10/100BaseT(x)Support SPOE transmission and data communication
	RJ45 Uplink	2 100/1000BaseT (x) Support data communication
SPOE Corresponding to the foot	Defalt	V+,V+,V-,V- Corresponding to the foot1236(Endspan)AF/AT
	Optional power supply	V+,V+,V-,V- Corresponding to the foot4578(Midspan)AT/AT
POE Feature	compatible PD	1236 power standerd PD,4578 power standard PD and non-standard PD(OPTIONAL)
	Safeguard	short circuit, broken circuit, over voltage, over current, under voltage, surge
	Power protection mechanism	power on pin 1-8 orderly to prevent a boot failure caused by peak voltage
	steady power supply Mode	mean port 1-8 POE voltage, stable supply voltage
	AI Smart POE Mode	45+ 78- (Support standard 48V PD @ non-standard 48V PD @PC etc equipment used simultaneously)
	POE Mode	12+ 36- (Support standard 48V PD @PC etc equipment used simultaneously)
Indicator light	LED	P System Power, E Extend, V VLAN , Link , PoE
Button switch	Defalt	EXTEND OF: PoE 100M/ON: PoE 250M
	Optional	VLAN OF: 1-8 interface intercommunication/ON:1-8interface non intercommunication
Network characteristics	Network characteristics	1-8 port reduce speed shut down100M/100M reduce speen turn on:250M/10M
	bandwidth	16Gv(Non-blocking high-speed data exchange)
	Network delay	Maximum no more than 20 milliseconds(100 to 100Mbps)
	Packet forwarding rate	1.44M
	Address database	4K
	Forwarding mode	Store and forward
	Forwarding rate	10BASE-T: 14880pps/port
		100BASE-TX: 148800pps/port
		1000BASE-TX: 1488000pps/port
	MAC address	Automatic learning
	flow control	Full duplex IEEE802.3xFlow Control ; BackpressureHalf - duplex back pressure flow control
	Bit error rate	<1/1000000000
Power supply	Input voltage	AC220V build-in power
	input power	DC48V144W @IEEE802.3AF/@IEEE802.3AT
	Port output power	15.4W@IEEE802.3AF/25W@IEEE802.3AT
	power distance	250M (non- shield lane) turn on EXTEND
mechanical properties	Housing	Iron shell, IP30 Protection class
	Dimension	200(L)×155(W)×40(H)
	Installation method	Desktop installation / wall mounting (optional)
working environment	Operating temperature	-40 ~ 55℃(-40~+131F)
	Storage temperature	-40 ~ 75 ℃ (-68 ~ + 199F)
	Relative humidity	5%~95% (No condensation)
Trouble-free period	MTBF	An average of 100,000 hours trouble-free time to work

DATA SHEET