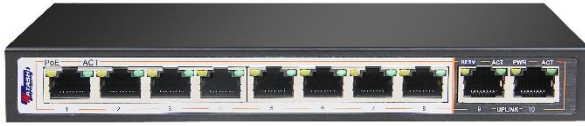**WATASHI** CCTV SECURITY SYSTEM

WSC082

FEATURES

➢ **AI Extend**: 1-8 ports support 250 meters long distance power supply (should be use cat5e or cat6 cable)

➢ **AI VLAN**: Isolating ports 1-8 to each other can effectively suppress network storms and improve network performance

➢ **AI QoS**: Prioritize the identified video data to make video transmission smoother

➢ **AI PoE**: Automatic detection power of port, power off and restart the device if find dead machine

➢ Support standard IEEE 802.3 af/at protocol, automatically detect and identify the PD devices comply with IEEE 802.3 af/at protocol and supply power.

➢ Support the management of Apollo cloud

➢ Support upward port auto MDI/MDIX.

➢ Adopted storage forward switching system.

➢ Smart power and minimum consumption, guarantee PD requirement.

➢ power supply circuit protection function and protection back-end device safety

➢ Automatically provide the adaptive device

➢ Fan-less design realize saving energy and environment protection

➢ Compact size design

➢ Support saving power function when port dis-connection

➢ All Ports support Wire-speed forwarding capability

➢ Plug and play, easy using without configuration

SPECIFICATION

Technical Parameters	
Network Port	·8 10/100Mbps PoE RJ45 port (port 1～port 8)
	· 2 10/100/1000Mbps Non-PoE RJ45 port (port 9 ~ port 10)
Transfer Rate	· 100Mbps full Duplex, 10 or 100Mbps Half Duplex
	· Network interface: 10BASE-T or 100BASE-TX Ethernet RJ-45 port
Network protocol	· IEEE 802.3i 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3x Flow Control, IEEE 802.3af, IEEE 802.3at Power over Ethernet
Performance	· Bandwidth: 5.6Gbps (no block)
	· Frames filter and transfer rate : 10M port maximum 14,800pps 100M port maximum 148,800pps 1000M port maximum 1,488,000pps
LED indicator	· Power
	· LINK/ACT
	· RESV: reserve
PoE pin	1/2+, 3/6-;
Power	· Total power: 96W
	· Single port maximum output power: 30W
Dimensions	· Size(L x W x H): 184mm x 94mm x 27 mm
	·Weight : 1.35 kg
Environment	· Operating Temperature： 0°~45°C （32°~113°F）
	· Storage Temperature： -20°C~90°C （-4°~194°F）
	· Working Humidity： 10%~90% (Non-condensing)
	· Storage Temperature： 5%~90% (Non-condensing)
safety	· CE/ROHS/FCC/CCC