

20 Port AI PoE L2 Manage Switch

MODEL : WSC095



Provider Mode Ports	
Fixed port	4*1000 Combo+16*10/100/1000 Base-T
Management Port	Support console
Power interface	220V/AC interface
LED Indicators	PWR, SYS, Link/ACT LED
Cable type&Transmission distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	550m
Network Topology	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	
input voltage	AC 100-240V 50/60Hz
Total Power consumption	≤300W (Total Power)
Main board power	<20W, PoE Total Power > 280W
PoE Support	
PoE port	1-16
PoE Protocol	802.3af, 802.3at, Single Port Max 30W
Pin Assignment	1,2+;3,6-
PoE Management	Support



20 Port AI PoE L2 Manage Switch

MODEL : WSC095

Layer 2 Switching	
Switching capacity	56Gbps
Packet forwarding rate	29.76Mpps
MAC address table	8K
Buffer	4.1M
Forwarding delay	<10us
MDI/MDIX	Support
VLAN	256
GVRP	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Etherchannle/ 802 .3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support
Jumbo frame	Support
DHCP Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
EEE	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU guard	Support
STP Port Fast	Support



20 Port AI PoE L2 Manage Switch

MODEL : WSC095

IGMP Snooping	Support
MLD Snooping	Support
MVR	Support
Layer 3 Route	
IPV4	Support
IPV6	Support
Static Routes IPv4	Support 32 Line
Static Routes IPv6	Support 32 Line
ARP	Support
Loopback Interface	Support
DHCP Server	Support
DNS Server	Support
DNS Client	Support
Convergence	
ACL	Support MAC Standard/Extension ACL
	Support IPv4 Standard /Extension ACL
	Support IPv6 Standard /Extension ACL
QOS	Support QoS Double Mark
	Support Port trusting
	Support Port Speed Limited
	Support Exit port queue limited
	Support SP, WRR
	Support COS Mapping, DSCP Mapping, IP Priority Mapping
Management	
UserManagement	Support
SystemLog	Support
UpgradeFirmware	Support
ConfigurationFileDownload/Upload	Support
SNMP	Support SNMP V1/V2/V3
WEB	Support
Console	Support



20 Port AI PoE L2 Manage Switch

MODEL : WSC095

CLI	Support
Telnet/SSH	Support
RMON	Support
Security	
Management channel configuration	Support
AAA authenticate	Support
802.1X authenticate	Support
MAC-Based authenticate	Support
WEB-Based authenticate	Support
DoS Anti- Attack	Support
Dynamic ARP Checking	Support
DHCP Snooping	Support
IP Source Guard	Support
Port Security	Support
Protected Ports	Support
storm control	Support
Environment	
Operating temperature	-10°C~+50°C
Storage temperature	-40°C~+70°C
Relative humidity	10% to 90% RH
Thermal methods	Nature Cooling, when the inside temperature over 40, Fan start working
MTBF	100,000 Hours
Mechanical Dimensions	
Product size	440*280*44mm
Installation Method	Rack Mount
Weight	3.4KG
EMC&INGRESS PROTECTION	
Surge protection of Power	General 6KV, Difference 2KV
Surge protection of Ethernet port	General 6KV, Difference 2KV
ESD	Contact 8K, Air 15K
Free fall	0.5m

