

Product Brochure

Access Networking



Gigabit PoE Switch

Managed Switches



LA-SWM2R-GC0424P-Z400w



LA-SWM2R-G0432P-L440w



LA-SWM3-10G0648P-Z400w

Fixed Ports			
Port Number	28	36	54
RJ45 Port	24x10/100/1000M	32x10/100/1000M	48x10/100/1000M
Fiber Port	4x1G Combo(TP/SFP)	4x1G/2.5G SFP	6x10G SFP+
Performance			
Switching Capacity	56G	72G	216G
Packet Forwarding Rate	41.616Mpps	107.136Mpps	160.7Mpps
MAC	8K	16K	32K
Buffer	4M	12M	16M
Jumbo Frame	10K Bytes	10K Bytes	10K Bytes
Management			
Layer 2+ Management	VLAN, VLAN Classification, QinQ, STP, RSTP, MSTP, Port Mirroring, DHCP, Multicast, ACL, IGMP, QoS, LLDP, 802.1X Dying Gasp, SFP DDM, PoE Management, IPV6 Management, Web, SNMP, Telnet, TFTP, Web Upgrading, TCP/IP, Console, Web Upgrading * For Layer3 management and extension protocols like MPLS, please inquire from your sales representatives.		
Power			
Input Voltage Range	AC100~240V	AC100~240V	AC100~240V
Consumption	<400W(PoE), <20W(Non-PoE)	<400W(PoE), <26W(Non-PoE)	<400W(PoE), <48W(Non-PoE)
PoE Port and Protocol	Port 1-24, 802.3af/at	Port 1-32, 802.3af/at	Port 1-48, 802.3af/at
Physical and Environmental			
Dimension (LxWxH)	440*284*44mm	440*300*44mm	440*270*44mm
Net Weight	3.4kg	4.5kg	4kg
Operating Temperature	0°C~+50°C	0°C~+50°C	0°C~+50°C

Unmanaged AI PoE Switches



LA-SWAI-G0006PB-Z72w



LA-SWAI-G0208P-Z135w



LA-SWAI-G0226PB-Z400w

Fixed Ports			
Port Number	6	10	28
RJ45 Port	6x10/100/1000M	8x10/100/1000M	26x10/100/1000M
Fiber Port	/	2x100M/1G SFP	2x100M/1G SFP
DIP Switch			
1	PoE Watchdog	PoE Watchdog	PoE Watchdog
2	250m Extension	250m Extension	250m Extension
3	Port Isolation	Port Isolation	Port Isolation
4	Storm Control	Storm Control	Storm Control
Performance			
Switching Capacity	12G	20G	56G
Packet Forwarding Rate	8.9Mpps	14.88Mpps	41.66Mpps
MAC	4K	4K	8K
Buffer	2M	2M	4.1M
Jumbo Frame	10K Bytes	10K Bytes	10K Bytes
Power			
Input Voltage Range	AC100~240V	AC100~240V	AC100~240V
Consumption	<72W(PoE), <3W(Non-PoE)	<135W(PoE), <7W(Non-PoE)	<400W(PoE), <19W(Non-PoE)
PoE Port and Protocol	Port 1-4, 802.3af/at(Port 1 BT60W)	Port 1-8, 802.3af/at	Port 1-24, 802.3af/at(Port 1-2 BT90W)
Physical and Environmental			
Dimension (LxWxH)	202*140*44mm	270*181*44mm	440*280*44mm
Net Weight	0.7kg	1.11kg	3.5kg
Operating Temperature	0°C~+50°C	0°C~+50°C	0°C~+50°C

10G/2.5GBase-T Ethernet Switch

Managed Switches



LA-SWM3-10G0202X2.5G08P-Z300w



LA-SWM3-10G06X2.5G24P-Z400w



LA-SWM3-40G0210G04X2.5G48-Z

Fixed Ports			
Port Number	12	30	54
RJ45 Port	8x10M/100M/1G/2.5G, 2x10G	24x10M/100M/1G/2.5G	48x10M/100M/1G/2.5G
Fiber Port	2x10G SFP+	6x10G SFP+	2x40G QSFP+, 4x10G SFP+
Performance			
Switching Capacity	120G	240G	1280G
Packet Forwarding Rate	89.28Mpps	178.56Mpps	360Mpps
MAC	32K	32K	64K
Buffer	12M	16M	/
Jumbo Frame	16K Bytes	16K Bytes	16K Bytes
Management			
Layer 3 Management	VLAN, VLAN Classification, QinQ, STP, RSTP, MSTP, Port Mirroring, DHCP, Multicast, ACL, IGMP, QoS, LLDP, 802.1X Dying Gasp, SFP DDM, PoE Management, IPV6 Management, Web, SNMP, Telnet, TFTP, Web Upgrading, TCP/IP, Console, Web Upgrading OSPF, RIP, IPv4, IPv6 Address Management, Static IPv4/IPv6 Routing, ARP, Look Interface, etc		
Power			
Input Voltage Range	AC100~240V	AC100~240V	Hot-swap AC100~240V, DC36-72V
Consumption	<300W(PoE), <28W(Non-PoE)	<400W(PoE), <45W(Non-PoE)	<50W
PoE Port and Protocol	Port 1-8, 802.3af/at	Port 1-24, 802.3af/at	/
Physical and Environmental			
Dimension(LxWxH)	319*207*45mm	440*280*44mm	440*300*44mm
Net Weight	2.0kg	3.8kg	4.0kg
Operating Temperature	0°C~+50°C	0°C~+50°C	0°C~+50°C

Unmanaged Switches



LA-SW-10G02X2.5G04P-Z72w



LA-SW-10G01X2.5G08P-Z135w



LA-SW-10G0008-Z

Fixed Ports			
Port Number	6	9	8
RJ45 Port	4x10M/100M/1G/2.5G	8x10M/100M/1G/2.5G	8x10M/100M/1G/2.5G/10G
Fiber Port	2x10G SFP+	1x10G SFP+	/
Performance			
Switching Capacity	60G	60G	160G
Packet Forwarding Rate	44.64Mpps	44.64Mpps	119.04Mpps
MAC	4K	4K	16K
Buffer	8.1M	8.1M	12M
Jumbo Frame	16K Bytes	16K Bytes	16K Bytes
Power			
Input Voltage Range	External DC52V/1.25A	AC100~240V	AC100~240V
Consumption	<72W(PoE), <8W(Non-PoE)	<135W(PoE), <10W(Non-PoE)	≤60W
PoE Port and Protocol	Port 1-4, 802.3af/at	Port 1-8, 802.3af/at	/
Physical and Environmental			
Dimension(LxWxH)	190*140*44mm	190*140*44mm	270*181*44mm
Net Weight	0.75kg	0.8kg	1.32kg
Operating Temperature	0°C~+50°C	0°C~+50°C	0°C~+50°C

Battery Backup Ethernet Switch

Managed Switches



LA-SWM2R-10G0424-B-L



LA-SWM2R-10G0416C08-B-L



LA-SWM2R-10G0448-B-L

Fixed Ports			
Port Number	28	36	52
RJ45 Port	24x10/100/1000M	8x1G Combo (TP/SFP)	48x10/100/1000M
Fiber Port	4x10G SFP+	16x1G/2.5G SFP, 4x10G SFP+	4x10G SFP+
Performance			
Switching Capacity	128G	144G	336G
Packet Forwarding Rate	190.4Mpps	190.4Mpps	499.9Mpps
MAC	16K	16K	16K
Buffer	12M	12M	12M
Jumbo Frame	10K bytes	10K bytes	10K bytes
Management			
Layer 2 Management	VLAN, VLAN Classification, QinQ, STP, RSTP, MSTP, Port Mirroring, DHCP, Multicast, ACL, IGMP, QoS, LLDP, 802.1X Dying Gasp, SFP DDM, PoE Management, IPV6 Management, Web, SNMP, Telnet, TFTP, Web Upgrading, TCP/IP, Console, Web Upgrading * For Layer3 management and extension protocols like MPLS, please inquire from your sales representatives.		
Power			
Input Voltage Range	AC100~240V	AC100~240V	AC100~240V
Consumption	<40W	<40W	<60W
Redundant PSU - Battery	Battery Recharge Output for Lead-acid Batteries, BAT+ - ; Max Output Voltage: DC 13.8V; Max Recharging Current: 2.5A		
Physical and Environmental			
Dimension (LxWxH)	440*245*44mm	440*245*44mm	440*300*44mm
Net Weight	3.88kg	4.23kg	4.5kg
Operating Temperature	0°C~+50°C	0°C~+50°C	0°C~+50°C

Hot-swap 2PSU Ethernet Switch

Managed Switches



LA-SWM3-10G0424(P)-2HAD-L



LA-SWM3-10G04C0816(P)-2HAC-L



LA-SWM3-10G0448F-2HDC-L

Fixed Ports			
Port Number	28	36	52
RJ45 Port	24x10/100/1000M	16x10/100/1000M	48x10/100/1000M
Fiber Port	4x10G SFP+	8x1G Combo(TP/SFP), 4x10G SFP+	4x10G SFP+
Performance			
Switching Capacity	128G	128G	352G
Packet Forwarding Rate	190.4Mpps	190.4Mpps	520Mpps
MAC	16K	16K	16K
Buffer	12M	12M	12M
Jumbo Frame	10K Bytes	10K Bytes	10K Bytes
Management			
Layer3 Management	VLAN, VLAN Classification, QinQ, STP, RSTP, MSTP, Port Mirroring, DHCP, Multicast, ACL, IGMP, QoS, LLDP, 802.1X Dying Gasp, SFP DDM, PoE Management, IPV6 Management, Web, SNMP, Telnet, TFTP, Web Upgrading, TCP/IP, Console, Web Upgrading OSPF, RIP, IPv4, IPv6 Address Management, Static IPv4/IPv6 Routing, ARP, Look Interface, etc		
Power			
Input Voltage Range	Hot-swap 1+1 Redundant PSUs AC100~240V + DC24/48V	Hot-swap 1+1 Redundant PSUs Dual AC100~240V	Hot-swap 1+1 Redundant PSUs Dual DC24/48V
Consumption	<440W(PoE), <40W(Non-PoE)	<440W(PoE), <40W(Non-PoE)	<60W
Physical and Environmental			
Dimension (LxWxH)	440*245*44mm	440*245*44mm	440*300*44mm
Net Weight	4.2kg	4.23kg	6.1kg
Operating Temperature	0°C~+50°C	0°C~+50°C	0°C~+50°C

UPS Solar PoE Switch

UPS Solar PoE Switches



LA-SWAI-G0105PB-5L-S



LA-SWAI-G0105PB-15-S



LA-SWM2-G0208P-20-S

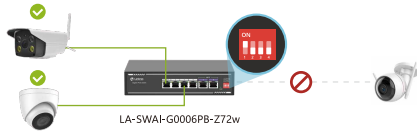
Fixed Ports			
Port Number	6	6	10
RJ45 Port	5x10/100/1000M	5x10/100/1000M	8x10/100/1000M
Fiber Port	1x100M/1G SFP	1x100M/1G SFP	2x100M/1G SFP
DIP Switch			
1 PDOG	PoE Watchdog		Solar Configuration PoE Management VLAN Spanning Tree Storm Suppression IGMP Snooping DHCP Snooping
2 VLAN	Port Isolation		
3 EXER	250m Extension		
4 PCK1	ON: Port 4 forced 24V; OFF: Port 4 Auto 24V/48V		
5 PCK2	ON: Port 5 forced 24V; OFF: Port 5 Auto 24V/ 48V		
Performance			
Switching Capacity	12G	12G	56G
Packet Forwarding Rate	8.64Mpps	8.64Mpps	40.32Mpps
MAC	2K	2K	8K
Buffer	2.5M	2.5M	4.1M
Power			
Input Voltage Range	12V/24V Solar; DC15-26V for 12V Battery; DC26-32V for 24V Battery;		12V/24V Solar; AC100~240V
Consumption	<65W(PoE), <5W(Non-PoE)		<125W (PoE), <10W(Non-PoE)
PoE Port and Protocol	Port 1 BT60W/2-3 30W/4-5 Auto 24/48V PoE	Port 1 BT60W/2-3 30W/4-5 Auto 24/48V PoE	Port 1-8 Auto 24/48V PoE
Physical and Environmental			
Dimension (LxWxH)	160*142*35mm	160*142*35mm	333*217*45mm
Net Weight	0.79kg	0.74kg	2.3kg
Operating Temperature	0°C~+50°C	0°C~+50°C	0°C~+50°C

PoE Accessories

Category	Model	Picture	Features	Operating Environment
PoE Injector	LA-POE90GT-B-D		<ul style="list-style-type: none"> - Single 10/100/1000M RJ45 port - IEEE802.3af/at/bt Standard - PoE Pin: 1, 2+/3, 6- 4, 5+/7, 8- - Power: Max 90W - Input Voltage: AC100~240V - PoE Data & Power Transmission Distance 100m 	0°C~+50°C
PoE Extender	LA-PE-F11-B		<ul style="list-style-type: none"> - Indoor PoE Extender - 2x10/100M RJ45 Ports (1 in 1 out) - Support IEEE802.3af - Max. Output 15.4W 	0°C~+50°C
PoE Extender Waterproof	LA-PE-G11-O-X		<ul style="list-style-type: none"> - IP66 Outdoor PoE Extender - 2x10/100/1000M RJ45 Ports (1 in 1 out) - Support IEEE802.3af/at - Max. Output 22W 	0°C~+50°C
PoE Splitter	LA-PS5712TG-D		<ul style="list-style-type: none"> - Gigabit PoE Splitter - DC Jack: 5.5*2.1mm (Type-C/Micro-USB Optional) - Support IEEE802.3at/af - PoE In: 44-57V(30W) - Mode A or Mode B ISO: 1.5KV - Out: DC12V/2A(24W) - 1500V High Voltage Isolation 	0°C~+50°C
PoE EOC	LA-PEOC01-OW-X		<ul style="list-style-type: none"> - IP53 Waterproof Outdoor - 800m Active Ethernet over Coaxial Converter - PoE Powered Input, PoE Output - Pole Mounted 	0°C~+50°C

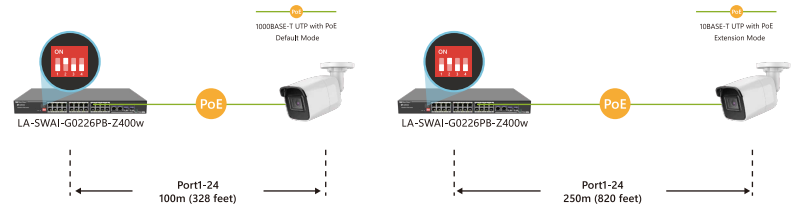
Unmanaged Switch Application

DIP 1-PoE Watchdog



Automatically restart within 150s when data is disconnected

DIP 2-Extension Mode

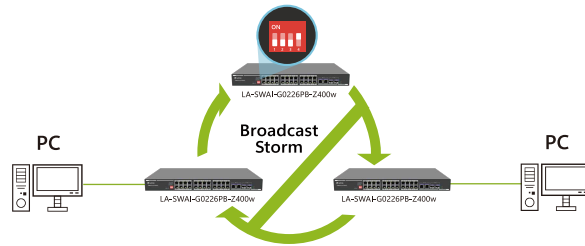


DIP 3-Port Isolation



The PoE ports cannot communicate with each other, only with Uplink ports

DIP 4-Storm Control



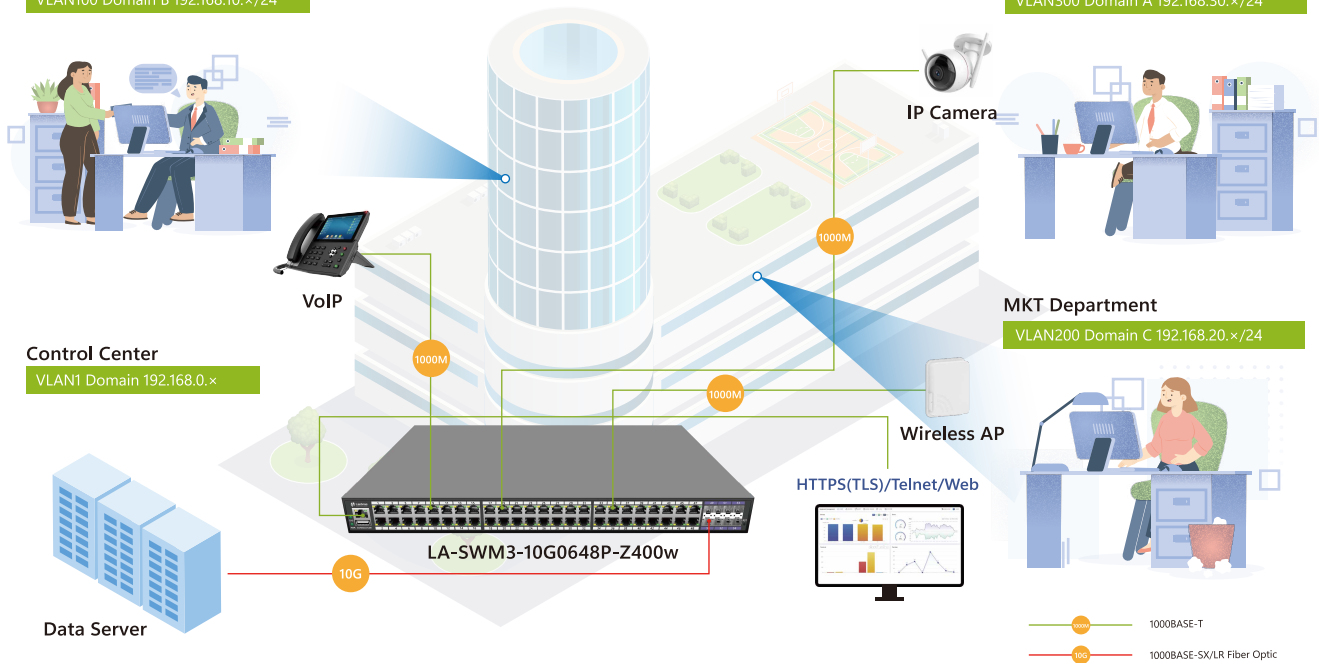
Managed Switch Application

Finance Department

VLAN100 Domain B 192.168.10.x/24

Sales Department

VLAN300 Domain A 192.168.30.x/24



Lanao Communication Technology Limited

Addr: 4th Floor, #A5, Dafu Industrial Park, No.22 Dafu Road,
Longhua, Shenzhen, 518110, P.R.C
Sales Office: #B2, Zhongbaotong Creative Park, No.34 Changfa
West Road Bantian, Shenzhen, 518029, P.R.C

+86-755-84656994

info@lanaotek.com

www.lanaotek.com