Touch LCD Ethernet Switch / Managed LCD Ethernet Switches

802.3at PoE+/802.3bt PoE++		
Model	GS-6320-24UP2T2XV	GS-6311-24P4XV
Product Image		
Hardware	LCD	2.4" Color TFT Touch Screen	2.0" Color TFT Screen
	10/100/1000BASE-T	24	24
	10G BASE-SR/LR	2, backward compatible with 1000X & 2500X	4
	10G BASE-T	2	–
	Switch Fabric	128Gbps	128Gbps
	Throughput	95.23Mpps	95.23Mpps
Layer 3 Features	IP Interface	128 VLAN	1024 VLAN
	Routing Tables	Static: 128 Dynamic: 4K	6K
	Routing Protocols	IPv4 RIPv1/v2, OSFPv2, OSPFv3	IPv4 RIPv1/v2, OSPFv2/v3, Static route
Management	Interface	Console, Telnet, HTTP 2.4" Color LCD Touch Screen	Console, Telnet, HTTP 2.0" Color TFT Screen
	SNMP	SNMP v1, v2c, v3, trap	SNMP v1 v2c v3 trap
	SSH/TLS	●/●	●/●
PoE Features	PoE Standard	802.3bt PoE++ (Ultra PoE), 802.3at PoE+	802.3at PoE+
	PoE Port	24	24
	PoE Power Output	52V DC, 95W max.	54V DC, 32W max.
	PoE Budget	720W	370 watts (max.)
Physical	Smart Fan	●	
	Dimensions (W x D x H)	440 x 300 x 55 mm, 1.25U height	440 x 207 x 44mm
	Power Requirement	100~240V AC, 50/60Hz 36~60V DC (R model only)	AC 100~240V, 50/60Hz
	Operating Temperature	0~50 degrees C	0 ~ 50 degrees C
Regulatory	EMI/Safety	FCC Class A, CE	FCC Class A , CE

Gigabit PoE+			
Model	GSD-1222VHP	GSW-1820VHP	GSW-2620VHP
Product Image			
Hardware	10/100BASE-TX	–	–	–
	10/100/1000BASE-T	10	16	24
	Mini-GBIC/SFP	2	2	2
	Switch Fabric	24Gbps	36Gbps	52Gbps
	MAC Table	8K	8K	8K
	Jumbo Frame	9K	9K	9K
	Memory Buffer	4.1Mb	4.1Mb	4.1Mb
PoE	PoE Standard	802.3at PoE+	802.3at PoE+	802.3at PoE+
	PoE Port	8	16	24
	PoE Budget	120W	300W	300W
Interface	Auto-negotiation	●	●	●
	802.3x Flow Control	●	●	●
	Ethernet Distance Extension	250m via LCD Control button		
Physical	Dimensions (W x D x H)	280 x 180 x 44 mm	440 x 233 x 44 mm	440 x 233 x 44 mm
	Power Supply	100~240V AC, 50/60Hz		
	EMI/Safety	FCC Class A, CE		
	Material	Metal	Metal	Metal
	Rack mountable	●	●	●

PLANET Networking & Communication

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Plug & Watch Smart Network Management

Unique Flat-type + LCD Touch Screen Networking Switches
Innovative Design to Optimize Operation

Smart Ethernet Switch Solution to SMEs and Large-scale Networks

PLANET has developed innovative switches featuring an LCD touch screen and a unique flat-type design to enhance operational efficiency across all types of networking infrastructures, including :

- Building/Home automation network
- Internet of Things (IoT)
- IP surveillance
- Wireless LAN

Unique Flat-type Design

To facilitate the network deployment in any space-limited locations like wall enclosure or electric box found in buildings or outdoors, PLANET developed industrial Ethernet switches in a compact flat-type design. The products can be installed by fixed wall mounting, magnetic wall mounting or DIN rail, thereby making its usability more flexible.

Flat Design   **Magnetic Installation**   **Front Access**

Intuitive LCD Control

The Ethernet Switch features an intuitive touch panel that facilitates Ethernet PoE PD management and enhances management efficiency in large-scale networks, such as enterprises, hotels, shopping malls, government buildings, and other public areas.

Other features :

- IP address, VLAN and QoS configuration
- PoE management and status
- Port management and status, and SFP information
- Troubleshooting: cable diagnostic and remote IP ping
- Maintenance: reboot, factory default and save configuration
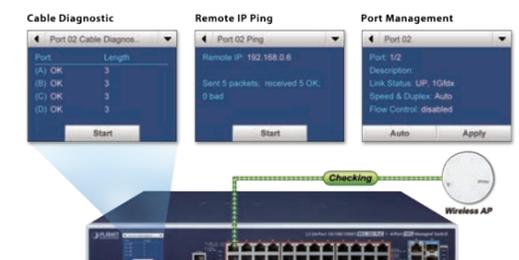
Flat-type Ethernet Switches

Touch LCD

	Model	WGS-5225-8T2SV	WGS-5225-8P2SV	WGS-5225-8UP2SV	WGS-5215-16UP4XV	WGS-4215-8P2XV
	Product Image					
Hardware	LCD	2.4"Color TFT Touch Screen			2.4"Color TFT Touch Screen	
	10/100/1000BASE-T	8			16	8
	1000BASE-X	2 Compatible with 2500X SFP			–	–
	10GBASE-X				4	2
	Switch Fabric	26Gbps			112Gbps	56Gbps
Power	Inputs	12~48V DC or 24V AC	Dual 48~54V DC	Dual 48~54V DC	Dual 48~54V DC	Dual 48~54V DC
	Connector	3-pin terminal block, DC socket		4-pin terminal block	4-pin terminal block	4-pin terminal block
	Consumption	12 watts	251 watts	752 watts	775 watts	337.3 watts
Mechanical	Dimensions (W x D x H)	180 x 25 x 140 mm		245 x 36 x 140 mm	245 x 59 x 140 mm	245 x 36 x 140 mm
	Enclosure	IP30 metal		IP30 aluminum	IP30 aluminum	IP30 metal
	Mounting	DIN-rail, wall-mountable and magnetic wall mount		Wall-mountable	Wall-mountable	Wall-mountable
Environment	Operating Temperature	-20~70 degrees C			-20~70 degrees C	-20~70 degrees C
	Operating Humidity	5% to 95%RH (non-condensing)			5% to 95%RH (non-condensing)	
Regulatory	Emissions	FCC Class A, CE Class A			FCC Class A, CE Class A	
	Stability	IEC60068-2-32 (Free Fall), IEC60068-2-27 (Shock), EC60068-2-6 (Vibration)			IEC60068-2-32 (Free Fall), IEC60068-2-27 (Shock), EC60068-2-6 (Vibration)	
PoE	PoE Standard	–	802.3at PoE+	802.3bt PoE++	802.3bt PoE++	802.3at PoE+
	PoE Port	–	8	8	16	8
	PoE Budget	–	240 watts	720 watts	720 watts	288 watts
	PSE Type	–	End-span	End span + Mid span	End-span + Mid-span	End span
	Power Pin Assignment	–	1/2(-), 3/6(-)	1/2(-), 3/6(+) 4/5(+), 7/8(-)	1/2(-), 3/6(+) 4/5(+), 7/8(-)	1/2(+), 3/6(-)
Protocol	VLAN	IEEE 802.1Q VLAN/Q-in-Q/Private VLAN/ Protocol-based VLAN/Voice VLAN/GVRP			IEEE 802.1Q VLAN/Q-in-Q/Private VLAN/ Protocol-based VLAN/Voice VLAN/GVRP	
	IGMP Snooping	v2/v3/query			v2/v3/query	
	Spanning Tree	802.1w (RSTP)/802.1s (MSTP)			802.1w (RSTP)/802.1s (MSTP)	
	Data Redundancy	ERPS Ring < 10 ms			ERPS Ring < 450ms	
	QoS	Port-based/ 802.1P/ IP DSCP Policy-based/ Voice VLAN			Port-based/ 802.1P/ IP DSCP Policy-based/ Voice VLAN	
	Security	802.1x, Static MAC, MAC filter, Port Security and IP Security			802.1x, Static MAC, MAC filter, Port Security and IP Security	
	Traffic Control	In/out rate limit, storm control			In/out rate limit, storm control	
Management	Interface	Web, telnet, SSHv2 and TLSv1.2			Web, telnet, SSHv2 and TLSv1.2	
	SNMP	v1, v2c, v3 and trap			v1, v2c, v3 and trap	
	System Log	System log and remote Syslog			System log and remote Syslog	

Managed / Managed PoE+

		Managed			Managed PoE+	
	Model	WGS-5225-8MT	WGS-4215-8T	WGS-4215-8T2S	WGS-6325-8UP2X	WGS-5225-8P2S
	Product Image					
Hardware	LCD	–	–	–	–	–
	10/100/1000BASE-T	8 x M12, X-coded	8	8	4x 2.5G+4x1G	8
	1000BASE-X	–	–	2	–	2, Compatible with 2500X SFP
	10GBASE-X	–	–	–	2	–
	Switch Fabric	16Gbps	16Gbps	20Gbps	68Gbps	26Gbps
Power	Inputs	Dual 9~48V DC	12~48V DC or 24V AC		Dual 48~54V DC	Dual 48~54V DC
	Connector	1 x M12 5-pin A-coded	3-pin terminal block, DC socket		4-pin terminal block	3-pin terminal block, DC socket
	Consumption	11.04 watts	10 watts	7.9 watts	500 watts	250 watts
Mechanical	Dimensions (W x D x H)	245 x 24.4 x 140 mm	148 x 25 x 134 mm	178 x 25 x 134 mm	245 x 36 x 140 mm	180 x 25 x 140 mm
	Enclosure	IP40 metal	IP30 metal	IP30 metal	IP30 Aluminum	IP30 metal
	Mounting	Din-rail, wall-mountable and magnetic wall mount			Wall-mountable	DIN-rail, wall mountable and magnetic wall mount
Environment	Operating Temperature	-40~75 degrees C			-40~75 degrees C	
	Operating Humidity	5% to 95%RH (non-condensing)			5% to 95%RH (non-condensing)	
Regulatory	Emissions	FCC Class A, CE Class A			FCC Class A, CE Class A	
	Stability	IEC60068-2-32 (Free Fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)			IEC60068-2-32 (Free Fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)	
PoE	PoE Standard	–	–	–	802.3bt PoE++	802.3at PoE+
	PoE Port	–	–	–	8	8
	PoE Budget	–	–	–	480 watts	240 watts
	PSE Type	–	–	–	End span + Mid span	End span
	Power Pin Assignment	–	–	–	1/2(-), 3/6(+), 4/5(+), 7/8(-)	1/2(+), 3/6(-)
Protocol	VLAN	IEEE 802.1Q VLAN/Q-in-Q/Private VLAN/Protocol-based VLAN/Voice VLAN/GVRP			IEEE 802.1Q VLAN/Q-in-Q/Private VLAN/Protocol-based VLAN/Voice VLAN/GVRP	
	IGMP Snooping	v2/v3/query			v2/v3/query	
	Spanning Tree	802.1w (RSTP)/802.1s (MSTP)			802.1w (RSTP)/802.1s (MSTP)	
	Data Redundancy	ERPS Ring			ERPS Ring < 10ms	
	QoS	Port-based/ 802.1P/ IP DSCP Policy-based/ Voice VLAN			Port-based/ 802.1P/ IP DSCP Policy-based/ Voice VLAN	
	Security	802.1x, Static MAC, MAC filter, Port Security and IP Security			802.1x, Static MAC, MAC filter, Port Security and IP Security	
	Traffic Control	In/out rate limit, storm control			In/out rate limit, storm control	
Management	Interface	Web, telnet, SSHv2 and TLSv1.2			Web, telnet, SSHv2 and TLSv1.2	
	SNMP	v1, v2c, v3 and trap			v1, v2c, v3 and trap	
	System Log	System log and remote Syslog			System log and remote Syslog	

Managed PoE+

	Model	WGS-5215-16UP4X	WGS-4215-8P2X	WGS-4215-16P2S	WGS-4215-8P2S	WGS-4215-8HP2S	WGS-804HPT
	Product Image						
Hardware	LCD	–	–	–	–	–	–
	10/100/1000BASE-T	16	8	16	8	8	8
	1000 BASE-X	–	–	2	2	2	–
	10G BASE-X	4	2	–	–	–	–
	Switch Fabric	112Gbps	56Gbps	32Gbps	20Gbps	20Gbps	16Gbps
Power	Inputs	Dual 48~54V DC			Dual 48~54V DC		
	Connector	4-pin terminal block	4-pin terminal block	3-pin terminal block, DC socket			
	Consumption	775 watts	344.3 watts	250 watts	210 watts	382 watts	152 watts
Mechanical	Dimensions (WxDxH)	245 x 59 x 140 mm	245 x 36 x 140 mm	245 x 25 x 134 mm	178 x 25 x 134 mm	245 x 36 x 140 mm	148 x 25 x 134 mm
	Enclosure	IP30 aluminum			IP30 metal		
	Mounting	Wall-mountable	Wall-mountable	DIN-rail, wall-mountable and magnetic wall mount		Wall-mountable	DIN-rail, wall-mountable and magnetic wall mount
Environment	Operating Temperature	-40~75 degrees C					
	Operating Humidity	5% to 95%RH (non-condensing)					
Regulatory	Emissions	FCC Class A, CE Class A					
	Stability	IEC60068-2-32 (Free Fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)					
PoE	PoE Standard	802.3bt PoE++	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3bt PoE++	802.3at PoE+
	PoE Port	16	8	16	8	8	4
	PoE Budget	720 watts	288 watts	240 watts	240 watts	360 watts	144 watts
	PSE Type	End-span + Mid-span	End span	End span	End span	End span + Mid span	End span
	Power Pin Assignment	1/2(-), 3/6(+) 4/5(+), 7/8(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(+), 3/6(-)	1/2(-), 3/6(+) 4/5(+), 7/8(-)	1/2(+), 3/6(-)
Protocol	VLAN	IEEE 802.1Q VLAN/ Q-in-Q/ Private VLAN/ Protocol-based VLAN/ Voice VLAN/ GVRP					
	IGMP Snooping	v2/v3/query					
	Spanning Tree	802.1w (RSTP)/ 802.1s (MSTP)					
	Data Redundancy	ERPS Ring < 450ms					
	QoS	Port-based/ 802.1P/ IP DSCP Policy-based/ Voice VLAN					
	Security	802.1x, Static MAC, MAC filter, Port Security and IP Security					
	Traffic Control	In/out rate limit, storm control					
Management	Interface	Web, telnet, SSHv2 and TLSv1.2		Web, telnet, SSHv2 and TLSv1.2			
	SNMP	v1, v2c, v3 and trap					
	System Log	System log and remote Syslog					

Unmanaged PoE+ / Unmanaged

		Unmanaged PoE+				Unmanaged
	Model	WGS-818HP	WGS-814HP	WGS-804HP	WGS-E304PT	WGS-803
	Product Image					
Hardware	10/100/1000BASE-T	8	8	8	5	8
	1000BASE-X SFP	–	–	–	–	–
	Switch Fabric	16Gbps	16Gbps	16Gbps	10Gbps	16Gbps
	DIP Switch	Standard/VLAN/Extend			–	Standard/VLAN/Extend	–
Power	Inputs	48~56V DC	48~56V DC	Dual 48~54V DC	802.3bt PoE++	12~48V DC or 24V AC
	Connector	DC socket	DC socket	3-pin terminal block, DC socket	–	3-pin terminal block, DC socket
	Consumption	137 watts	70 watts	140 watts	82 watts	6 watts
Mechanical	Dimensions (WxDxH)	148 x 25 x 134 mm				
	Enclosure	IP30 metal				
	Mounting	DIN-rail, wall-mountable and magnetic wall mount				
Environment	Operating Temperature	-20~60 degrees C		-40~75 degrees C		-10~60 degrees C
Regulatory	Emissions	FCC Class A, CE				
	Stability	FCC Class A, CE Class A				
PoE	PoE Standard	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3bt PoE++ In 802.3at PoE+ Out	–
	PoE Port	8	4	4	4	–
	PoE Budget	120W	60W	120W	70W	–