




Managed LCD Ethernet Switches








Gigabit			
Model	GS-5220-24T4XV GS-5220-24T4XVR	GS-5220-16T2XV GS-5220-16T2XVR	
Product Image			
Hardware	LCD	2.4" Color TFT Touch Screen	
	10/100/1000BASE-T	24	16
	10GBASE-SR/LR	4, backward compatible with 1000X	2, backward compatible with 1000X
	Switch Fabric	128Gbps	72Gbps
Layer 3 Features	Throughput	95.23Mpps	53.57Mpps
	IP Interface	128 VLAN	128 VLAN
	Routing Tables	128	128
Protocols	Routing Protocols	IPv4/IPv6 Static Routing, OSPFv2	
	VLAN	802.1Q, Q-in-Q, Voice VLAN, Private VLAN	
	Spanning Tree	802.1D, 802.1w, 802.1s	
Management	Multicasting	IPv4 IGMP Snooping, IPv6 MLD Snooping	
	Interface	Console, Telnet, HTTP 2.4" Color LCD Touch Screen	
ONVIF Management	SNMP	SNMP v1, v2c, v3, trap	
	SSH/SSL	●/●	●/●
LCD Features	Smart Fan	●	●
	Dimensions (W x D x H)	440 x 300 x 55 mm, 1.25U height	
	Power Requirement	100~240V AC, 50/60Hz 36~60V DC (R model only)	
	Operating Temperature	0 ~ 50 degrees C	
Regulatory	EMI/Safety	FCC Class A, CE	

Touch LCD Industrial PoE Router

Flat-type			
Model	WGR-500-4PV		
Product Image			
Hardware	LCD	2.4" Color TFT Touch Screen	
	10/100/1000BASE-T	5 (4 LAN, 1 WAN)	
Power	Inputs	Dual 48~56V DC	
	Connector	3-pin terminal block, DC socket	
Mechanical	Dimensions (W x D x H)	180 x 25 x 140 mm	
	Enclosure	IP30 metal	
Environment	Mounting	DIN-rail, wall-mountable and magnetic wall mount	
	Operating Temperature	-10~60 degrees C	
Regulatory	Operating Humidity	5% to 95%RH (non-condensing)	
	Emissions	FCC Class A, CE Class A	
PoE	Stability	IEC60068-2-32 (Free Fall), IEC60068-2-27 (Shock), EC60068-2-6 (Vibration)	
	PoE Standard	802.3at PoE+	
	PoE Port	4	
	PoE Budget	120 watts	
Protocol	PSE Type	End-span	
	Power Pin Assignment	1/2(+), 3/6(-)	
Management	VLAN	IEEE 802.1Q VLAN	
	Interface	Web	
	SNMP	v1, v2c	
	System Log	System log and remote Syslog	

Unmanaged LCD Ethernet Switches

Model	Fast Ethernet PoE+			Gigabit PoE+			802.3bt PoE++
	FGSD-1022VHP	FGSW-1822VHP	FGSW-2622VHP	GSD-1222VHP	GSW-1820VHP	GSW-2620VHP	FGSW-2022VHP

Product Image								
Hardware	10/100BASE-TX	8	16	24	-	-	16	
	10/100/1000BASE-T	2	2	2	10	16	2	
	Mini-GBIC/SFP	2 combo	2	2	2	2	2	
	Switch Fabric	5.6Gbps	11.2Gbps	12.8Gbps	24Gbps	36Gbps	52Gbps	11.2Gbps
	MAC Table	4K	4K	4K	8K	8K	8K	8K
	Jumbo Frame	-	-	-	9K	9K	9K	9K
PoE	Memory Buffer	2.75Mb	2.75Mb	2.75Mb	4.1Mb	4.1Mb	4.1Mb	
	PoE Standard	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3at PoE+	
	PoE Port	8	16	24	8	16	24	
	PoE Budget	120W	300W	300W	120W	300W	300W	
Interface	Auto-negotiation	●	●	●	●	●	●	
	802.3x Flow Control	●	●	●	●	●	●	
Physical	Ethernet Distance Extension	250m via LCD Control button			250m via LCD Control button		250m via LCD Control button	
	Dimensions (W x D x H)	280 x 180 x 44 mm	440 x 233 x 44 mm	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	Metal	Metal	Metal	
	Rack mountable	●	●	●	●	●	●	



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Intuitive Touch LCD Network Solution

Optimize Your Network Efficiency with a Simple Touch

Smart Ethernet Switch Solution to SMEs and Large-scale Networks

Need a smarter way of networking and communications management in your network? PLANET provides a full range of LCD Ethernet Switches to fulfill your needs in the SMEs and large-scale networks, such as enterprises, hotels, shopping malls, government buildings, and other public areas.

- LCD Ethernet Switches
- Touch LCD 802.3at PoE+ Switches
- Touch LCD 802.3bt Ultra PoE Switches
- Touch LCD Flat-type Switches

Last but not least, PLANET Color Touch LCD Ethernet Switches feature excellent Layer 3 static routing, IPv4/IPv6 VLAN routing and IPv4/IPv6 dual stack management for the purpose of having a highly-secure, flexible management and simpler networking application.

To facilitate network management in SMEs and enterprises, PLANET LCD Ethernet Switch series is a cutting-edge Plug and Watch Ethernet solution which consists of Color Touch LCD Ethernet Switches and standard LCD Ethernet Switches to provide quick installation, real-time monitoring of data transmission and PoE work status, and immediate troubleshooting through their unique LCD display found on the products' front panel.

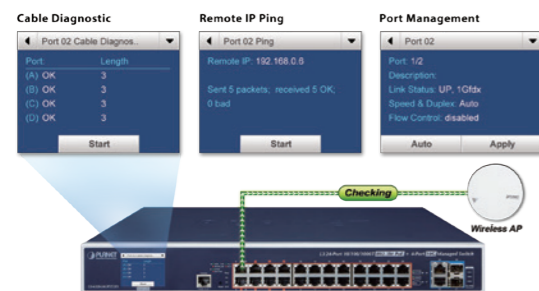
Smart Network Management

Touch LCD Ethernet Switch

Smart and Intuitive LCD Control

Except for the standard Gigabit Ethernet models, PLANET Color Touch LCD PoE Switches are compatible with IEEE 802.3bt Ultra PoE and 802.3at high power PoE standard offering a total 300~600-watt PoE budget. Via the PIN secured LCD touch screen, it features the following special management and status functions:

- System IP address, VLAN and QoS configuration
- PoE management and status
- Port management and status, and SFP information
- Cable diagnostic and remote IP ping
- Reboot, factory default and save configuration
- ONVIF device list and status



PLANET's Color Touch LCD Ethernet Switches also function as Managed ONVIF switches that can automatically detect the ONVIF IP cameras and easily manage ONVIF IP cameras via floor map. Their user-friendly color touch panel enables the PoE PD power consumption management to be more convenient and efficient than ever, thus bringing an intelligent way of monitoring management for the large-scale surveillance networks. They also greatly eliminate the administrators' burden on managing the IP surveillance network when the network scale grows.



Flat-type			
Model	WGS-5225-8P25V	WGS-5225-8T25V	
Product Image			
Hardware	2.4" Color TFT Touch Screen		
	10/100/1000BASE-T	8	8
	10G BASE-SR/LR	-	-
	1000/2500 BASE-X	2	2
	Switch Fabric	26Gbps	26Gbps
	Throughput	19.35Mpps	19.35Mpps
Layer 3 Features	IP Interface	8 VLAN	8 VLAN
	Routing Tables	32	32
	Routing Protocols	IPv6/IPv4 Static Routing	
Protocols	VLAN	802.1Q, Q-in-Q, Voice VLAN, Private VLAN	
	Spanning Tree	802.1d/802.1w/802.1s	
	Multicasting	IPv4 IGMP Snooping, IPv6 MLD Snooping	
	Interface	Web, telnet, SSH, SSL, Touch LCD Screen	
Management	SNMP	SNMP v1, v2c, v3, trap	
	SSH/SSL	●/●	●/●
PoE Spec.	PoE Standard	802.3at PoE+	-
	PSE Type	End-span	-
	Power Pin Assignment	1/2(+), 3/6(-)	-
PoE Ability	PoE Port	8	-
	PoE Power Output	48~56V DC, 36W max.	-
	PoE Budget	240W	-
	PoE Ability PD@15 watts	8	-
	PoE Ability PD@30 watts	8	-
	PoE Ability PD@60 watts	-	-
Intelligent PoE Control	Over Temperature Protection	●	-
	PD Alive Check	●	-
	PoE Schedule	●	-
	Power Limit	●	-
	Scheduled Power Recycling	●	-
	PoE Classification	●	-
	PoE Event/Threshold Trap	●	-
ONVIF Management		●	-
LCD Features		<ul style="list-style-type: none"> • System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping • ONVIF device list • ONVIF device status • PoE status, ON/OFF 	<ul style="list-style-type: none"> • System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping • ONVIF device list • ONVIF device status
Physical	Smart Fan	-	-
	Dimensions (W x D x H)	180 x 25 x 140 mm	180 x 25 x 140 mm
	Power Requirement	Dual 48~56V DC	12~48V DC or 24V AC
	Operating Temperature	-20~70 degrees C	
Regulatory	EMI/Safety	FCC Class A, CE	

		802.3at PoE+				802.3bt PoE++			
Model		GS-5220-24PL4XV GS-5220-24PL4XVR	GS-5220-24P4XV GS-5220-24P4XVR	GS-5220-16P2XV GS-5220-16P2XVR	GS-6320-24UP2T2XV	GS-5220-24UPL4XV GS-5220-24UPL4XVR	GS-5220-24UP4XV GS-5220-24UP4XVR	GS-5220-16UP2XV GS-5220-16UP2XVR	
Product Image									
Hardware	LCD	2.4" Color TFT Touch Screen				2.4" Color TFT Touch Screen			
	10/100/1000BASE-T	24	24	16	24	24	24	16	
	10G BASE-SR/LR	4, backward compatible with 1000X		2, backward compatible with 1000X & 2500X		4, backward compatible with 1000X		2, backward compatible with 1000X	
	10G BASE-T	-	-	-	2	-	-	-	
	Switch Fabric	128Gbps	128Gbps	72Gbps	128Gbps	128Gbps	128Gbps	72Gbps	
	Throughput	95.23Mpps	95.23Mpps	53.57Mpps	95.23Mpps	95.23Mpps	95.23Mpps	53.57Mpps	
Layer 3 Features	IP Interface	128 VLAN	128 VLAN	128 VLAN	128 VLAN	128 VLAN	128 VLAN	128 VLAN	
	Routing Tables	128	128	128	128	128	128	128	
	Routing Protocols	IPv4/IPv6 Static Routing, OSPFv2				IPv4/IPv6 Static Routing, OSPFv2			
Protocols	VLAN	802.1Q, Q-in-Q, Voice VLAN, Private VLAN				802.1Q, Q-in-Q, Voice VLAN, Private VLAN			
	Spanning Tree	802.1D, 802.1w, 802.1s				802.1D, 802.1w, 802.1s			
	Multicasting	IPv4 IGMP Snooping, IPv6 MLD Snooping				IPv4 IGMP Snooping, IPv6 MLD Snooping			
Management	Interface	Console, Telnet, HTTP 2.4" Color LCD Touch Screen				Console, Telnet, HTTP 2.4" Color LCD Touch Screen			
	SNMP	SNMP v1, v2c, v3, trap				SNMP v1, v2c, v3, trap			
	SSH/SSL	●/●	●/●	●/●	●/●	●/●	●/●	●/●	
PoE Spec.	PoE Standard	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3bt PoE++ (Ultra PoE), 802.3at PoE+				
	PSE Type	End-span	End-span	End-span	End-span+Mid-span, End-span, Mid-span		End-span+Mid-span, End-span, Mid-span		
	Power Pin Assignment	Pair 1: 1/2(-), 3/6(+)			Pair 1: 1/2(-), 3/6(+) Pair 2: 4/5(+), 7/8(-)		Pair 1: 1/2(-), 3/6(+) Pair 2: 4/5(+), 7/8(-)		
PoE Ability	PoE Port	24	24	16	24	24	24	16	
	PoE Power Output	52V DC, 36W max.	54V DC, 36W max.	53V DC, 36W max.	52V DC, 95W max.		54V DC, 95W max.		
	PoE Budget	600W	400W	220W	600W	600W	400W	400W	
	PoE Ability PD@15 watts	24	24	16	24	24	24	20	
	PoE Ability PD@30 watts	20	13	7	20	20	13	13	
	PoE Ability PD@60 watts	-	-	-	10	10	6	6	
	PoE Ability PD@90 watts	-	-	-	6	6	4	4	
Intelligent PoE Control	Over Temperature Protection	●	●	●	●	●	●	●	
	PD Alive Check	●	●	●	●	●	●	●	
	PoE Schedule	●	●	●	●	●	●	●	
	Power Limit	●	●	●	●	●	●	●	
	Scheduled Power Recycling	●	●	●	●	●	●	●	
	PoE Classification	●	●	●	●	●	●	●	
	PoE Event/Threshold Trap	●	●	●	●	●	●	●	
ONVIF Management		●	●	●	●	●	●	●	
LCD Features		<ul style="list-style-type: none"> • System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping 	<ul style="list-style-type: none"> • ONVIF device list • ONVIF device status • PoE status, ON/OFF 	<ul style="list-style-type: none"> • System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping 	<ul style="list-style-type: none"> • ONVIF device list • ONVIF device status • PoE status, ON/OFF 				
Physical	Smart Fan	●	●	●	●	●	●	●	
	Dimensions (W x D x H)	440 x 300 x 55 mm, 1.25U height				440 x 300 x 55 mm, 1.25U height			
	Power Requirement	100~240V AC, 50/60Hz 36~60V DC (R model only)				100~240V AC, 50/60Hz 36~60V DC (R model only)			
	Operating Temperature	0 ~ 50 degrees C				0~50 degrees C			
Regulatory	EMI/Safety	FCC Class A, CE				FCC Class A, CE			