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
	Throughput	95.23Mpps	53.57Mpps
Layer 3 Features	IP Interface	128 VLAN	128 VLAN
	Routing Tables	128	128
	Routing Protocols	IPv4/IPv6 Static Routing, OSFPv2	
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	
Management	Interface	Console, Telnet, HTTP 2.4" Color LCD Touch Screen	
	SNMP	SNMP v1, v2c, v3, trap	
	SSH/SSL	● / ●	
ONVIF Management		●	●
LCD Features		• 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)	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 Wireless AP Controller and 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
	Mounting	DIN-rail, wall-mountable and magnetic wall mount
Environment	Operating Temperature	-10~60 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), EC60068-2-6 (Vibration)
PoE	PoE Standard	802.3at PoE+
	PoE Port	4
	PoE Budget	120 watts
	PSE Type	End-span
	Power Pin Assignment	1/2(+), 3/6(-)
Protocol	VLAN	IEEE 802.1Q VLAN
Management	Interface	Web
	SNMP	v1, v2c
	System Log	System log and remote Syslog

Unmanaged LCD Ethernet Switches

		Fast Ethernet PoE+			Gigabit PoE+			802.3bt PoE++
Model		FGSD-1022VHP	FGSW-1822VHP	FGSW-2622VHP	GSD-1222VHP	GSW-1820VHP	GSW-2620VHP	GSW-1222VUP
Product Image								
Hardware	10/100BASE-TX	8	16	24	-	-	-	-
	10/100/1000BASE-T	2	2	2	10	16	24	10
	Mini-GBIC/SFP	2 combo	2	2	2	2	2	2
	Switch Fabric	5.6Gbps	11.2Gbps	12.8Gbps	24Gbps	36Gbps	52Gbps	24Gbps
	MAC Table	4K	4K	4K	8K	8K	8K	8K
	Jumbo Frame	-	-	-	9K	9K	9K	10K
	Memory Buffer	2.75Mb	2.75Mb	2.75Mb	4.1Mb	4.1Mb	4.1Mb	4.1Mb
PoE	PoE Standard	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3at PoE+	802.3bt PoE++ (Ultra PoE), 802.3at PoE+
	PoE Port	8	16	24	8	16	24	8
	PoE Budget	120W	300W	300W	120W	300W	300W	380W
Interface	Auto-negotiation	●	●	●	●	●	●	●
	802.3x Flow Control	●	●	●	●	●	●	●
	Ethernet Distance Extension	250m via LCD Control button			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	280 x 180 x 44 mm	440 x 233 x 44 mm	440 x 233 x 44 mm	440 x 233 x 44 mm
	Power Supply	100~240V AC, 50/60Hz			100~240V AC, 50/60Hz			100~240V AC, 50/60Hz
	EMI/Safety	FCC Class A, CE			FCC Class A, CE			FCC Class A, CE
	Material	Metal	Metal	Metal	Metal	Metal	Metal	Metal
	Rack mountable	●	●	●	●	●	●	●

PLANET Networking & Communication

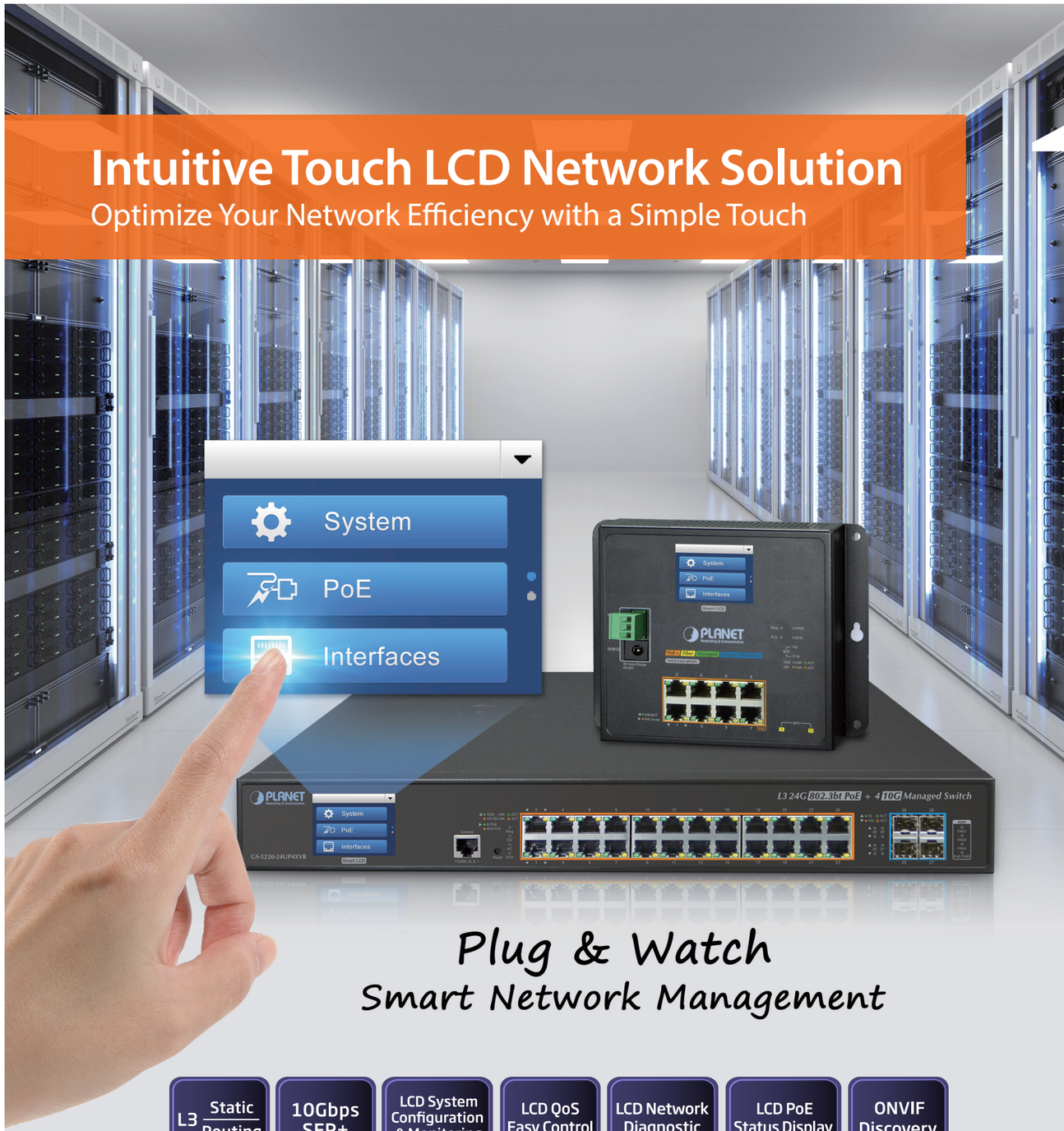
11F., No 96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)
Tel: +886-2-2219-9518 Fax: +886-2-2219-9528 E-mail: sales@planet.com.tw

PLANET reserves the right to change specifications without prior notice. All brand names and trademarks are property of their respective owners. © PLANET Technology Corporation DM-LCD0119

PLANET Networking & Communication

Intuitive Touch LCD Network Solution

Optimize Your Network Efficiency with a Simple Touch



Plug & Watch

Smart Network Management

L3 Static Routing | 10Gbps SFP+ | LCD System Configuration & Monitoring | LCD QoS Easy Control | LCD Network Diagnostic | LCD PoE Status Display | ONVIF Discovery

www.PLANET.com.tw

Smart Network Management



Touch LCD Ethernet Switch

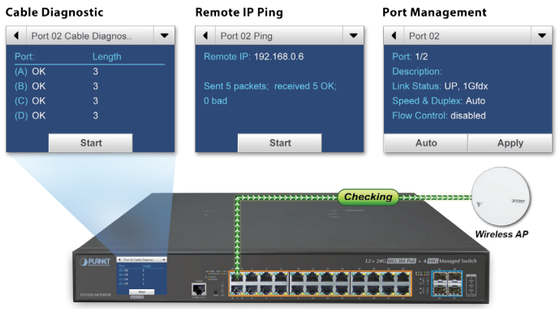


To facilitate network management in SMEs and enterprises, PLANET LCD Ethernet Switch series is a cutting-edge Plug and Watch Ethernet solution which consists of Color Touch LCD Ethernet Switches and standard LCD Ethernet Switches to provide quick installation, real-time monitoring of data transmission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

Smart and Intuitive LCD Control

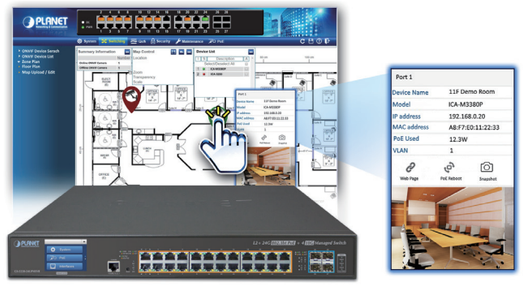
Except for the standard Gigabit Ethernet models, PLANET Color Touch LCD PoE Switches are compatible with IEEE 802.3bt Ultra PoE and 802.3at high power PoE standard offering a total 300~600-watt PoE budget. Via the PIN secured LCD touch screen, it features the following special management and status functions:

- 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



Efficient ONVIF Surveillance Management

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.



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 features 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.

		Flat-type		802.3at PoE+			802.3bt PoE++		
Model		WGS-5225-8P2SV	WGS-5225-8T2SV	GS-5220-24PL4XV GS-5220-24PL4XVR	GS-5220-24P4XV GS-5220-24P4XVR	GS-5220-16P2XV GS-5220-16P2XVR	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			2.4" Color TFT Touch Screen		
	10/100/1000BASE-T	8	8	24	24	16	24	24	16
	10G BASE-SR/LR	-	-	4, backward compatible with 1000X	4, backward compatible with 1000X	2, backward compatible with 1000X	4, backward compatible with 1000X	4, backward compatible with 1000X	2, backward compatible with 1000X
	1000 mini-GBIC	2	2	-	-	-	-	-	-
	Switch Fabric	20Gbps	20Gbps	128Gbps	128Gbps	72Gbps	128Gbps	128Gbps	72Gbps
	Throughput	14.88Mpps	14.88Mpps	95.23Mpps	95.23Mpps	53.57Mpps	95.23Mpps	95.23Mpps	53.57Mpps
Layer 3 Features	IP Interface	8 VLAN	8 VLAN	128 VLAN	128 VLAN	128 VLAN	128 VLAN	128 VLAN	128 VLAN
	Routing Tables	32	32	128	128	128	128	128	128
	Routing Protocols	IPv6/IPv4 Static Routing		IPv4/IPv6 Static Routing, OSFPv2			IPv4/IPv6 Static Routing, OSFPv2		
Protocols	VLAN	802.1Q, Q-in-Q, Voice VLAN, Private 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			802.1D, 802.1w, 802.1s		
	Multicasting	IPv4 IGMP Snooping, IPv6 MLD Snooping		IPv4 IGMP Snooping, IPv6 MLD Snooping			IPv4 IGMP Snooping, IPv6 MLD Snooping		
Management	Interface	Web, telnet, SSH, SSL, Touch LCD Screen		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			SNMP v1, v2c, v3, trap		
	SSH/SSL	●/●		●/●			●/●		
PoE Spec.	PoE Standard	802.3at PoE+	-	802.3at PoE+			802.3bt PoE++ (Ultra PoE), 802.3at PoE+		
	PSE Type	End-span	-	End-span			End-span+Mid-span, End-span, Mid-span		
	Power Pin Assignment	1/2(+), 3/6(-)	-	Pair 1: 1/2(-), 3/6(+)			Pair 1: 1/2(-), 3/6(+) Pair 2: 4/5(+), 7/8(-)		
PoE Ability	PoE Port	8	-	24	24	16	24	24	16
	PoE Power Output	48~56V DC, 36W max.	-	52V DC, 36W max.	54V DC, 36W max.	52V DC, 36W max.	52V DC, 75W max.	54V DC, 75W max.	
	PoE Budget	240W	-	600W	400W	220W	600W	400W	400W
	PoE Ability PD@15 watts	8	-	24	24	16	24	24	20
	PoE Ability PD@30 watts	8	-	20	13	7	20	13	13
	PoE Ability PD@60 watts	-	-	-	-	-	10	6	6
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		• System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping • ONVIF device list • ONVIF device status • PoE status, ON/OFF	• System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping • ONVIF device list • ONVIF device status	• System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping • ONVIF device list • ONVIF device status • PoE status, ON/OFF			• System Information, Port Status • Cable Diagnostic, VLAN Status • Device Ping • ONVIF device list • ONVIF device status • PoE status, ON/OFF		
Physical	Smart Fan	-	-	●			●		
	Dimensions (W x D x H)	180 x 25 x 140 mm	180 x 25 x 140 mm	440 x 300 x 55 mm, 1.25U height			440 x 300 x 55 mm, 1.25U height		
	Power Requirement	Dual 48~56V DC	12~48V DC or 24V AC	100~240V AC, 50/60Hz 36~60V DC (R model only)			100~240V AC, 50/60Hz 36~60V DC (R model only)		
	Operating Temperature	-20~70 degrees C		0 ~ 50 degrees C			0~50 degrees C		
Regulatory	EMI/Safety	FCC Class A, CE		FCC Class A, CE			FCC Class A, CE		