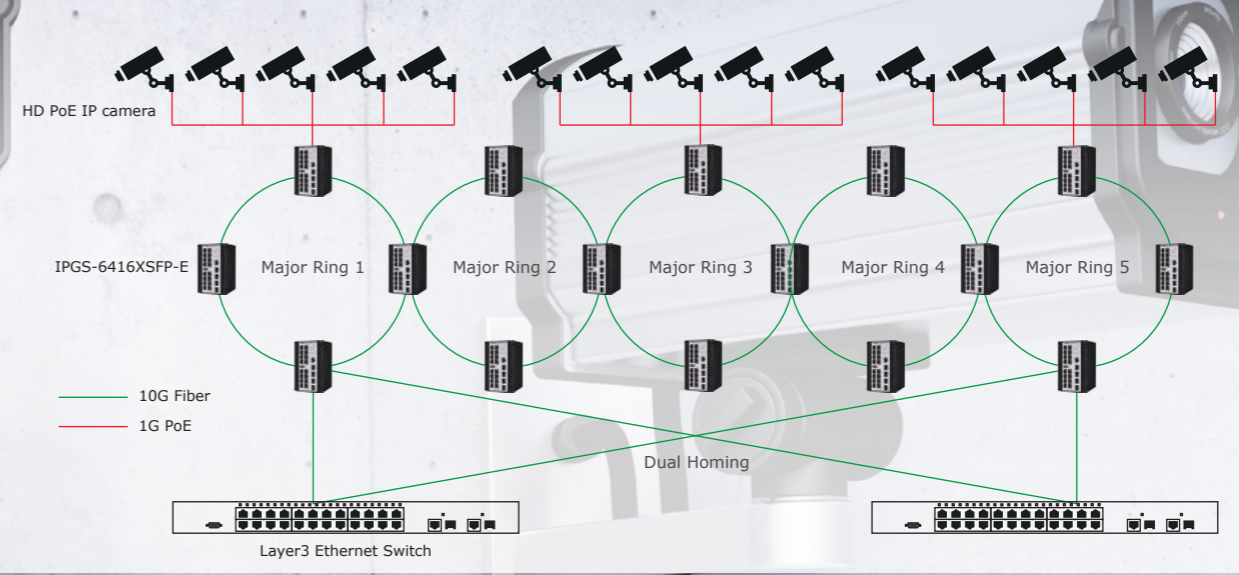


L2 function comparison		OS3	OS2	OS1	2000 series
Management	SNMP v1 v2c v3	●	●	●	●
	Web browser	●	●	●	●
	Telnet	●	●	●	●
	SSH	●	●	●	●
	SNTp	●	●	●	●
	LLDP	●	●	●	●
	CDP	●	●	●	●
	Topology View	●	●	●	●
	Environment Monitoring	●	●	●	●
	STP	●	●	●	●
Redundancy	RSTP	●	●	●	●
	MSTP	●	●	●	●
	Loop Protection	●	●	●	●
	Proprietary redundant protocol	ITU-Ring Enhance mode	ITU-Ring Enhance mode	ITU-Ring Enhance mode	ProRing2se
	MRP	●	●	●	●
	Dual Homing	●	●	●	●
	G.8032 standard	●	●	●	●
	MAC filter	●	●	●	●
	IP Security(What IP can access switch)	●	●	●	●
	Login Security (RADIUS)	●	●	●	●
Security	SSL	●	●	●	●
	Login Security (TACACS+)	●	●	●	●
	ACL	●	Ingress Only	●	●
	IEEE 802.1X	●	●	●	●
	IP Source Guard	●	●	●	●
	ARP inspection	●	●	●	●
	BPDu Guard	●	●	●	●
	Remote admin (limitation of accessing way)	●	●	●	●
	Port Based VALN	●	●	●	●
	Tagged VLAN	●	●	●	●
VLAN	GVRP	●	●	●	●
	QinQ	●	●	●	●
	Protocol Based	●	●	●	●
	Subnet Based	●	●	●	●
Multicast	IGMP Snooping	●	●	●	●
	MLD Snooping	●	●	●	●
	IGMP router port	●	●	●	●
	Static Multicast forwarding	●	●	●	●
	GMRP	●	●	●	●
	Rate Limiting	●	●	●	●
Traffic control	Link aggregation	●	●	●	●
	Port based QoS	●	●	●	●
	VLAN based QoS	●	●	●	●
	CoS/DSCP	●	●	●	●
	Small-frame arrival rate	●	●	●	●
	Protocol storm protection	●	●	●	●
DHCP	Port Monitoring	●	●	●	●
	IP v6 version	●	●	●	●
	IP v4 version	●	●	●	●
	Port Based DHCP	●	●	●	●
	MAC based DHCP	●	●	●	●
	Option82 DHCP Relay	●	●	●	●
PoE	Option 12/42/66	●	option 66 only	option 66 only	●
	DHCP Snooping	●	●	●	●
	PXE application	●	●	●	●
	Alive Detecting	●	●	●	●
	PoE Scheduling	●	●	●	●
	SysLog client&server	●	●	●	●
Event&Log	Email	●	●	●	●
	SNMP Trap	●	●	●	●
	Relay	●	●	●	●
	Digital Input/Output	●	●	●	●
	Triggered by event of environment	●	●	●	●
	Triggered by event of SFP DDM	●	●	●	●
Diagnostic	Ping	●	●	●	●
	ARP	●	●	●	●
	DDM information	●	●	●	●
Maintenance	Firmware upgrading	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP
	Configuration file import/export	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP
	Auto Provision	●	●	●	●
	Dual Image	●	●	●	●

Lantech™ Industrial PoE Ethernet Switches for Surveillance System



10G Uplink & L3 Capacity

Lantech OS3 IP30 switch series have 10G uplinks and upgradable L3 capacity that is able to boost the outdoor network to higher bandwidth across different subnets.

Feed 30W Power – 802.3at (All PoE models)

IEEE802.3at standard is able to feed up to 30W at each PoE port, which is twice as the previous 802.3af standard. It's ideal for big power consumption devices such as PTZ IP cameras, High power wireless AP, etc.

Flexible Modularity & L3 Upgradable**

Lantech provides highly customized modular models to satisfy all kinds of needs, from 100TX to dual speed SFP. All 6000 series models are able to upgrade to Layer 3 (**optional).

Configurable Power Budget

To prevent over consumption that causes the system to become unstable, Lantech PoE switches are able to control the power budget by limiting the total power consumption for all connected PDs. Each port's power limit can be defined as well. (PoE managed models)

USB Port for Backup and Configuration

With the special-designed USB port, backup / restore configuration is easier than ever! Simply plug in the USB thumb drive and the system will automatically detect and decide the action. No laptop or console needed.

PoE Detection and Scheduling

PoE detection can detect if the connected PD hangs and then restart the PD; PoE scheduling allows pre-set power feeding schedule upon a routine time table. Each PoE port can be enabled/disabled, get the voltage, current, Watt, and temp. info displayed on WebUI. (PoE managed models)

Built-in Power Converter

Normally in vehicle environments, 48V power supply is not available. The built-in power converter is able to boost up from 12V (car), 24V (bus), and step down 110V, making the devices function well.

E-Marking Certified

The E-marking certificate makes it the most suitable switch for bus, carriage, other vehicles application as well as for industrial areas.



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Product Line-ups


OS3 Industrial L3/10G (PoE) Managed Ethernet Switches

 <p>I(P)GS-6300-2P 4 Modular-Slots w/4/2 x1G/2.5G/10G SFP+ + 2 10GT uplink Industrial Managed Ethernet Switch</p> <p>4 10G, Max 24GT, Max 28SFP, Max 24PoE, USB</p>	 <p>I(P)GS-6416XSFP 16 10/100/1000T (PoE at/af) + 4 1G/2.5G/10G SFP+ Industrial Managed Ethernet Switch</p> <p>4 10G, 16 GT, 16 PoE, USB</p>	 <p>I(P)GS-6488XSFP 8 10/100/1000T (PoE) + 8 100M/1G SFP + 4 1G/2.5G/10G SFP+ Industrial Managed Ethernet Switch</p> <p>4 10G, 8 GT, 8 SFP, 8 PoE, USB</p>	 <p>I(P)GS-5416MGSFP 16 10/100/1000T (PoE at/af) + 4 1G/2.5G SFP L2+ Industrial Managed Ethernet Switch</p> <p>4 SFP, 16 GT, 16 PoE, USB</p>	 <p>I(P)GS-5488MGSFP 8 10/100/1000T (PoE) + 8 100M/1G SFP + 4 1G/2.5G SFP L2+ Industrial Managed Ethernet Switch</p> <p>12 SFP, 8 GT, 8 PoE, USB</p>
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2000 Series Industrial (PoE) Managed Ethernet Switches

 <p>I(P)ES-2208CB 8 10/100TX (PoE) + 4 10/100/1000T/Dual Speed SFP Combo L2+ Industrial Managed Ethernet Switch</p> <p>2 Combo, 8 TX, 8 PoE</p>	 <p>I(P)ES-2204F 4 10/100TX (PoE) + 2 100M SFP L2+ Industrial Managed Ethernet Switch (Multicast is not supported)</p> <p>2 SFP, 4 TX, 4 PoE</p>
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OS2 Industrial (PoE) Managed Ethernet Switches

 <p>I(P)GS-3208GSFP 8 10/100/1000T (PoE) + 2 1000M SFP L2+ Industrial Managed Ethernet Switch</p> <p>2 SFP, 8 GT, 8 PoE, USB</p>	 <p>I(P)GS-3208C 8 10/100/1000T (PoE) + 2 10/100/1000T/Dual Speed SFP Combo L2+ Industrial Managed Ethernet Switch</p> <p>2 Combo, 8 GT, 8 PoE, USB</p>	 <p>I(P)GS-3204MGSFP 4 10/100/1000T (PoE) + 2 1G/2.5G SFP L2+ Industrial Managed Ethernet Switch</p> <p>2 SFP, 4 GT, 4 PoE, USB</p>	 <p>I(P)GS-3008 8 10/100/1000T (PoE) L2+ Industrial Managed Ethernet Switch</p> <p>8 GT, 8 PoE</p>
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Unmanaged Industrial (PoE) Entry Ethernet Switches

 <p>I(P)GS-0208GSFP 8 10/100/1000T (PoE at/af) + 2 1000M SFP Industrial Ethernet Switch</p> <p>2 SFP, 8 GT, 8 PoE</p>	 <p>I(P)GS-0208C 8 10/100/1000T (PoE at/af) + 2 10/100/1000T/Dual Speed SFP Combo Industrial Ethernet Switch</p> <p>2 Combo, 8 GT, 8 PoE</p>	 <p>I(P)GS-0008B 8 10/100/1000T (PoE at/af) Industrial Ethernet Switch</p> <p>8 GT, 8 PoE</p>	 <p>I(P)GS-0204DSFP 4 10/100/1000T (PoE) + 2 Dual Speed SFP Industrial Ethernet Switch</p> <p>2 SFP, 4 GT, 4 PoE</p>	 <p>IPGS-0005T-4 5 10/100/1000T w/ 4 PoE at/af Industrial Ethernet Switch</p> <p>5 GT, 4 PoE</p>
 <p>IPGS-0101T Industrial Gigabit Switch with PoE 802.3at/af</p> <p>2 GT, 1 PoE</p>	 <p>I(P)ES-0208CA 8 10/100TX (PoE at/af) + 2 10/100/1000T/Dual Speed SFP Combo Industrial Ethernet Switch</p> <p>2 Combo, 8 TX, 8 PoE</p>	 <p>IPES-0104GT-4 4 10/100TX PoE at/af + 1 10/100/1000T Industrial Ethernet Switch</p> <p>1 GT, 4 TX, 4 PoE</p>	 <p>I(P)ES-0204DFT-4 4 10/100TX (PoE at/af) + 1 10/100/1000T Industrial Ethernet Switch</p> <p>2 SFP, 4 TX, 4 PoE</p>	 <p>I(P)ES-0008B 8 10/100TX (PoE) Industrial Ethernet Switch</p> <p>8 TX, 8 PoE</p>
 <p>I(P)GC-0101DSFP 10/100/1000T to 100/1000M SFP 802.3at Industrial PoE Switch Converter</p> <p>1 SFP, 1 GT, 1 PoE</p>	 <p>I(P)ES-0008C 8 10/100TX (PoE) Industrial Ethernet Switch</p> <p>8 TX, 8 PoE</p>	 <p>IES-0008T 8 10/100TX Industrial Unmanaged Switch</p> <p>8 TX</p>	 <p>IES-0005T 5 10/100TX Industrial Unmanaged Switch</p> <p>5 TX</p>	

OS1 Industrial (PoE) Managed Ethernet Switches

 <p>I(P)GS-5400-2P 4 Modular-Slots L2+ Industrial Managed Ethernet Switch</p> <p>Max 24GT, Max 18PX, Max 12SFP, Max 24PoE, USB</p>	 <p>I(P)GS-5424 24 10/100/1000T (PoE at/af) + 4 Dual Speed SFP L2+ Industrial Managed Ethernet Switch</p> <p>24 GT, 4 SFP, 24 PoE, USB</p>	 <p>I(P)ES-3424DSFP-2P 24 10/100TX (PoE at/af) + 4 Dual Speed SFP L2+ Industrial Managed Ethernet Switch</p> <p>4 SFP, 24 TX, 24 PoE, USB</p>	 <p>I(P)GS-5408DFT 8 10/100/1000T (PoE) + 2 Dual Speed SFP + 2 10/100/1000T L2+ Industrial Managed Ethernet Switch</p> <p>2 SFP, 10 GT, 8 PoE, USB</p>	 <p>I(P)GS-5408GSFP 8 10/100/1000T (PoE) + 4 1000M SFP L2+ Industrial Managed Ethernet Switch</p> <p>4 SFP, 8 GT, 8 PoE, USB</p>
 <p>I(P)GS-3408GSFP 8 10/100/1000T (PoE) + 4 1000M SFP L2+ Industrial Managed Ethernet Switch</p> <p>4 SFP, 8 GT, 8 PoE</p>	 <p>I(P)ES-3416DSFP 16 10/100TX (PoE) + 4 Dual Speed SFP L2+ Industrial Managed Ethernet Switch</p> <p>4 SFP, 16 TX, 16 PoE</p>	 <p>I(P)ES-5408DFT 8 10/100TX (PoE) + 2 10/100/1000T + 2 Dual Speed SFP L2+ Industrial Managed Ethernet Switch</p> <p>2 SFP, 8 GT, 8 TX, 8 PoE</p>	 <p>I(P)ES-3408GSFP 8 10/100TX (PoE) + 4 1000M SFP L2+ Industrial Managed Ethernet Switch</p> <p>4 SFP, 8 TX, 8 PoE</p>	

Central (PoE) Managed Ethernet Switches

 <p>LPGS-2424C-240W 24 10/100/1000T + 4 1000T/100/1000M SFP Combo L2 PoE af/at Gigabit Managed Ethernet Switch</p> <p>24 GT, 4 Combo, 24 PoE</p>	 <p>LGS-2624C 20 10/100/1000T + 4 1000T/100/1000M SFP Combo L2+ Managed Ethernet Switch</p> <p>20 GT, 4 Combo, 2 SFP</p>
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Model name (P) = PoE model