

L2+ Functions Comparison				
L2 function comparison	OS1	OS2	OS3	OS4
Management				
SNMP v1 v2c v3	●	●	●	●
Web browser	●	●	●	●
Telnet	●	●	●	●
SSH	●	●	●	●
SNTp	●	●	●	●
LLDP	●	●	●	●
CDP	●	●	●	●
Topology View	●	●	●	●
Environment Monitoring	●	●	●	●
Redundancy				
STP	●	●	●	●
RSTP	●	●	●	●
MSTP	●	●	●	●
Loop Protection	●	●	●	●
Proprietary redundant protocol	ITU-Ring Enhance mode	ITU-Ring Enhance mode	ITU-Ring Enhance mode	ITU-Ring Enhance mode
MRP	●	●	●	●
Dual Homing	●	●	●	●
G.8032 standard	●	●	●	●
Security				
MAC filter	●	●	●	●
IP Security(What IP can access switch)	●	●	●	●
Login Security (RADIUS)	●	●	●	●
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 VLAN	●	●	●	●
Tagged VLAN	●	●	●	●
VLAN				
GVRP	●	●	●	●
QinQ	●	●	●	●
Protocol Based	●	●	●	●
Subnet Based	●	●	●	●
Multicast				
IGMP Snooping	●	●	●	●
MLD Snooping	●	●	●	●
IGMP router port	●	●	●	●
Static Multicast forwarding	●	●	●	●
GMRP	●	●	●	●
Rate Limiting	●	●	●	●
Link aggregation	●	●	●	●
Port based QoS	●	●	●	●
VLAN based QoS	●	●	●	●
CoS/DSCP	●	●	●	●
Small-frame arrival rate	●	●	●	●
Protocol storm protection	●	●	●	●
Port Monitoring	●	●	●	●
DHCP				
IP v6 version	●	●	●	●
IP v4 version	●	●	●	●
Port Based DHCP	●	●	●	●
MAC based DHCP	●	●	●	●
Option82 DHCP Relay	●	●	●	●
Option 12/42/66	option 66 only	option 66 only	●	●
DHCP Snooping	●	●	●	●
PXE application	●	●	●	●
PoE				
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/FTP
Configuration file import/export	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP
Auto Provision	●	●	●	●
Dual Image	●	●	●	●

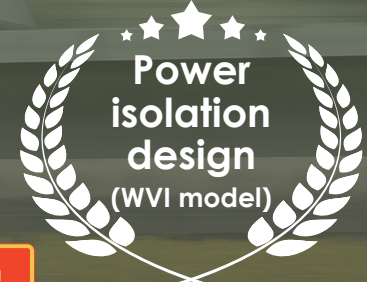
Lantech™

On-board / Trackside

EN50155 Ethernet Switches

OS4 Platform Feature Highlights

OS3 Platform



- OS4 Platform
- OS3 Platform
- OS2 Platform
- OS1 Platform

- IP67/65/54/41-rated Aluminum Housing
- IEC 61375-3-4 & IEC 61375-2-5 (TBN model)
- Smart Bypass Protection
- EN 50155:2017, EN 55032, EN 50124, EN 12663, EN45545-2, IEC 60571 Certified
- Wide Voltage Input 16.8~137.5VDC w/ Isolation
- Built-in Environmental Monitoring
- Up to 80W PoE w/PoE & System Isolation

Feature Highlights



Product Line-ups

EN50155 OS4 Managed Ethernet Switches OS4 Platform


<p>T(P)GS-R6616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R6616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R6616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R6616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>
<p>T(P)GS-R6608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R6608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R6608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R6608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>
<p>T(P)GS-R5616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R5616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R5616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R5616XT 16 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>
<p>T(P)GS-R5608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R5608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R5608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>	<p>T(P)GS-R5608XT 8 10/100/1000T (PoE at) + 4 10G copper L3L EN50155 Managed Switch</p>

Do you know? Benefits of 10G copper connectors

- Compatible with existing Ethernet cables
- Rugged and robust connector
- Cat 5e for inter-car gaps while Cat 7 for fixed infra-car connection
- EMC immunity testing

Do you know? Benefits of Q-ODC fiber connectors

- Installation friendly - push-pull locking mechanism
- Interference free
- Compliant with EN 45545-2 fire safety standard
- Vibration & shock resistant - EN 61373-2010 Category 2
- Rapid change of temperature - EN 60512-11-4
- Damp heat - EN 60512-11-3

Learn more 

<https://www.lantech.com.tw/global/eng/en50155-054.html>

EN50155 Giga Uplinks Managed Ethernet Switches OS3 Platform

<p>T(P)GS-L5416MGF 16 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5416MGF 16 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5408MGF 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5408MGF 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>
<p>T(P)GS-L5208T 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5208MGF 8 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5424T 24 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5424T 24 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>
<p>T(P)GS-L5416T 16 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5416T 16 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5208MGF 8 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5208MGF 8 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>
<p>T(P)GS-L5208T 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5208T 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5208MGF 8 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L5208MGF 8 10/100/1000T (PoE at) + 2 1G/2.5G Q-ODC fiber L2+ EN50155 Managed Switch</p>

EN50155 Giga Uplinks Managed Ethernet Switches OS2 Platform

Learn more about OS3 & OS2 Platform products 

<https://www.lantech.com.tw/global/eng/en50155-053.html>

<p>T(P)GS-5010TA 10 10/100/1000T (8 PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>T(P)GS-5008TA 8 10/100/1000T (8 PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>
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EN50155 10G Uplinks Managed Ethernet Switches OS3 Platform

<p>T(P)GS-L6416XT 16 10/100/1000T (PoE at) + 2 10G Copper + 2 10G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6416XT 16 10/100/1000T (PoE at) + 2 10G Copper + 2 10G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6424XT 24 10/100/1000T (PoE at) + 4 10G copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6408XT 8 10/100/1000T (PoE at) + 4 10G Copper L2+ EN50155 Managed Switch</p>
<p>T(P)GS-L6208XT 8 10/100/1000T (PoE at) + 2 10G Copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6208XT 8 10/100/1000T (PoE at) + 2 10G Copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6424XT 24 10/100/1000T (PoE at) + 4 10G copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6408XT 8 10/100/1000T (PoE at) + 4 10G Copper L2+ EN50155 Managed Switch</p>
<p>T(P)GS-L6416XT 16 10/100/1000T (PoE at) + 2 10G Copper + 2 10G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6416XT 16 10/100/1000T (PoE at) + 2 10G Copper + 2 10G Q-ODC fiber L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6424XT 24 10/100/1000T (PoE at) + 4 10G copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6408XT 8 10/100/1000T (PoE at) + 4 10G Copper L2+ EN50155 Managed Switch</p>
<p>T(P)GS-L6208XT 8 10/100/1000T (PoE at) + 2 10G Copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6208XT 8 10/100/1000T (PoE at) + 2 10G Copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6424XT 24 10/100/1000T (PoE at) + 4 10G copper L2+ EN50155 Managed Switch</p>	<p>T(P)GS-L6408XT 8 10/100/1000T (PoE at) + 4 10G Copper L2+ EN50155 Managed Switch</p>



EN50155 Giga Uplinks Managed Ethernet Switches OS1 Platform

<p>(P)GS-5208GF 8 10/100/1000T (PoE at) + 2 1000FX L2+ EN50155 Managed Switch</p>	<p>(P)GS-5008T 8 10/100/1000T (PoE at) + 2 1000FX L2+ EN50155 Managed Switch</p>	<p>(P)GS-5416T 16 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5408T 8 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>
<p>(P)GS-5208GF 8 10/100/1000T (PoE at) + 2 1000FX L2+ EN50155 Managed Switch</p>	<p>(P)GS-5008T 8 10/100/1000T (PoE at) + 2 1000FX L2+ EN50155 Managed Switch</p>	<p>(P)GS-5416T 16 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5408T 8 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>
<p>(P)GS-5416DF 16 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5416T 16 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5216DF 16 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5208T 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>
<p>(P)GS-5416DF 16 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5416T 16 10/100/1000T (PoE at) + 4 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5216DF 16 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>	<p>(P)GS-5208T 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) L2+ EN50155 Managed Switch</p>

Learn more 

<https://www.lantech.com.tw/global/eng/en50155-051.html>

EN50155 Unmanaged Ethernet Switches

<p>(P)GS-0010T 10 10/100/1000T (8 PoE at) Unmanaged Switch</p>	<p>(P)GS-0208GF 8 10/100/1000T (PoE at) + 2 1000FX Unmanaged Switch</p>	<p>(P)GS-0008T 8 10/100/1000T (PoE at) Unmanaged Switch</p>	<p>(P)GS-0208T 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) Unmanaged Switch</p>
<p>(P)GS-0010T 10 10/100/1000T (8 PoE at) Unmanaged Switch</p>	<p>(P)GS-0208GF 8 10/100/1000T (PoE at) + 2 1000FX Unmanaged Switch</p>	<p>(P)GS-0008T 8 10/100/1000T (PoE at) Unmanaged Switch</p>	<p>(P)GS-0208T 8 10/100/1000T (PoE at) + 2 10/100/1000T (PoE at) Unmanaged Switch</p>
<p>(P)GS-0005B 5 10/100/1000T (PoE at) Unmanaged Switch</p>	<p>(P)GS-0005B 5 10/100/1000T (PoE at) Unmanaged Switch</p>	<p>(P)GS-0008B 8 10/100/1000T (PoE at) Unmanaged Switch</p>	<p>(P)GS-0008B 8 10/100/1000T (PoE at) Unmanaged Switch</p>

Do you know? IEEE 802.3bt standard is also known as PoE++ providing up to 60W/port.