Vehicles

Case Study
- Rail Train System (case-study-rail-train-system.html)
- Vehicles (case-study-vehicles.html)
- Highway / Airport / Tunnel (case-study-highway-airport-tunnel.html)
- City Surveillance (case-study-city-surveillance.html)
- Oil&Gas / Offshore Platform / Maritime (case-study-oil-gas-offshore-platform-maritime.html)
- Power Substation (case-study-power-substation.html)
- Process Control / Mining (case-study-process-control-mining.html)
- Telecom / ISP / Others (case-study-telecom-isp-others.html)

Volvo Electric Buses: Advancing Sustainable Public Transport with Lantech Ethernet Switches



Volvo Electric Buses are taking a significant step towards large-scale electrified public transport to assist cities in their transformation into zero-emission, noise-free urban environments. Volvo electric buses use Lantech Ethernet switches in an innovative onboard project, interfacing with cameras and passenger counting devices. These ITXPT-certified switches provide inventory services and other management features, such as DHCP and IGMP, to enhance onboard network operation and maintenance.

Model: IPES-5408T-D-54-24V-IGN

- EN61373 verification: 24V Input voltage
- E-mark certificate for vehicle
- IEEE802.3at/af up to 30W per port; PoE management incl. detection and scheduling (For PoE Model)
- Enhanced G.8032 ring protection < 20ms for single ring. Supports auto mode, enhanced mode, train mode, multi-VLAN and basic mode; Enhanced G.8032 ring covers multicast packets; MSTP 16MSTI /RSTP; support MRP ring
- Environmental Monitoring for temp., voltage and total PoE load and current
- Miss-wiring avoidance & node failure protection
- Support LACP link aggregation, IGMP v3/router port, MLD snooping, DHCP server & DHCP Option82; Port based DHCP distribution, Mac based DHCP server, QoS by VLAN, SSH v2/SSL, HTTPS, INGRESS/EGRESS ACL L2/L3, TACACS+**, QinQ of VLAN Protocol based VLAN; IPv4 Subnet based VLAN
- N-key configurator** for upgrading, auto/editable configuration back up and restoration without computer
- IP54/67 housing; User friendly UI, including auto topology drawing; Complete CLI
- Compliant with ISO 7637-2
- ITxPT labeled w/ignition function , delay shut down , standby green mode , Inventory service
- POE Off/Timer on ignition standby mode

I(P)ES-5408T-D-IGN



12 10/100TX D-coded L2+ (8 PoE at/af) Managed Ethernet Switch

Learn more (I(P)ES-5408T-D-IGN_IP67_IP54.html)

About Lantech

Lantech is an IRIS / IEC62443-4-1 certified company as well as a member of ITxPT. Lantech designs and produces a complete family of industrial networking products. For decades, Lantech has provided professional and powerful industrial networking solutions globally. Learn More (about-company-profile.html)

Taiwan Quality

Lantech is dedicated to providing the best quality and service to our customers. We proudly provide up to 5 years warranty to our industrial products. Learn More (support-warranty-policy.html)

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