

Lantech IPES-3408GSFP

4 1000 SFP +8 10/100TX L2 + PoE Industrial Managed Switch w/ITU G.8032

IEEE802.3at/af up to 30W PoE output 8ports

ITU G.8032 standard ring protection < 50ms incl. data & multicast packets; MSTP

Miss-wiring avoidance & Repowered auto ring restore

User friendly UI, including auto topology drawing and DDM threshold monitoring with dB values

Support ACL L2/L3, IGMP v3/router port, Static multicast forwarding, MVR, QinQ, SSH/SSL, TACAS+, SMS alert

PoE management incl. Detection and Scheduling

Lantech IPES-3408GSFP-PT is a high performance L2+ industrial Gigabit uplink switch which provides L2 wire speed and advanced security function for network aggregation deployment. It delivers ITU G.8032 ring recovery less than 50ms, comprehensive QoS, advanced security including ACL L2/L3, TACAS+, SSH/SSL, DHCP Option 82 and IGMPv1/v2/v3 & routing, QinQ (double tag VLAN), MVR (multicast VLAN registration), which are important features required in large network. It also supports Cisco Discovery Protocol (CDP) and LLDP for Ciscoworks to detect the switch info and show on L2 map topology. The switch also equips the RTC (real time clock) which can keep track of time always.

IPES-3408GSFP-PT supports IEEE802.3at/af standard which can feed HI-power up to 30W/52V; 15W/48V at each PoE port for big power consumption devices like PTZ IP camera, High power wireless AP etc. The advanced PoE management includes PoE detection and scheduling. PoE detection can detect if the connected PD is hang up then restart the PD; PoE scheduling is to allow pre-set power feeding schedule upon routine time table. PoE per port status shows voltage, current, watts info as well as to enable / disable ports

Lantech IPES-3408GSFP-PT features ITU G.8032 ring which can be self-healed in less than 50ms up to 256 switches that covers data & multicast packets protection. It also supports MSTP that allows RSTP over Vlan for redundant links.

The IPES-3408GSFP-PT also embedded several features for stronger and reliable network protection in an easy and intuitive way. When the pre-set ring configuration failed or looped by miss-wiring, Lantech IPES-3408GSFP-PT is able to alert with the LED indicator and send out an email, traps or a SMS text. Repowered auto ring restore function ensures the switches in a ring to survive after power breakout is back. The status can be shown in NMS when each switch is back. This feature prevents the broken ring and keep ring alive without any re-configuration needed. Loop protection is also available to prevent the generation of broadcast storm when a dumb switch is inserted in a closed loop connection.

The user friendly UI, innovative auto topology drawing and topology demo makes IPES-3408GSFP-PT much easier to get hands-on. The IPES-3408GSFP-PT supports DMI interface that can correspond

with DDM SFPs (Digital diagnostic monitor) to display the five parameters in Lantech's UI, including optical output power, input power, temperature, laser bias current and transceiver supply voltage. The TX power/RX power raw data is automatically converted to dB values for installer, making it easier to calculate the fiber distance.

Lantech IPES-3408GSFP-PT designs with redundant firmware where can survive if the primary firmware is crashed due to improper upgrading. The configuration file can also be exported in text file so that it can be edited and configured back to switch with ease for mass deployment. The factory reset button can restore the setting back to factory default and built-in watchdog design can automatically reboot the switch when cpu is found dead.

The IPES-3408GSFP-PT DIDO function can support additional open/close physical contact for designate applications besides Port / Power events, for example, DIDO function can trigger alarm if the switch was moved or stolen. In case of events, the IPES-3408GSFP-PT will immediately send an email & SMS text message to pre-defined addresses as well as SNMP Traps out. It provides 2DI and 2DO while disconnection of the specific port was detected; DO will activate the signal LED to alarm. DI can integrate the sensors for events and DO will trigger the alarm while sending alert information to IP network with email and traps.

The optional environmental monitoring can detect switch overall temperature, voltage and current where can send the SNMP traps, email and SMS alert when abnormal

The Lantech IPES-3408GSFP-PT is designed with redundant power supply at 46~56VDC. Featured with relay contact alarm function, the IPES-3408GSFP-PT is able to connect with alarm system in case of power failure. The IPES-3408GSFP-PT also provides 3000V EFT and 6000V ESD protection, which can reduce unstable situation caused by power line and Ethernet.

Lantech IPES-3408GSFP-PT features high reliability and robustness coping with extensive EMI/RFI phenomenon, environmental vibration and shocks usually found in factory, Substation, Steel automation, Aviation, Mining and Process control. It is the best solution for Automation, transportation, surveillance, Wireless backhaul, Semi-conductor factory and assembly lines.

