Lantech IPES-3208C

8 10/100TX + 2 10/100/1000T/Dual Speed SFP Combo w/ 8-PoE-Injector 802.3at/af Managed Industrial Switch

Support IEEE802.3at/af up to 30W per port

Support ITU ring protection <20ms for ring/double ring/chain

Support Advanced SNMP including QoS, IGMP query/router port, SSH/SSL, DDM, Loop protection

PoE management incl. Detection and Scheduling

Environmental monitoring to display voltage, current, temperature

USB slot for auto restore/backup

The Lantech IPES-3208C is an 8-port 10/100BaseTX + 2-port 10/100/1000T/Dual Speed SFP Combo industrial switch w/8 POE 802.3af/at Injectors. The SFP connection is suitable with 100M or 1000M Dual Speed. The advanced SNMP management features include QoS for 4 queues, 802.1q VLAN, IGMP snooping and query, SSH/SSL, DDM(need to work with SFP that has diagnostic function), loop protection, Mac address per VLAN, SNTP and SMTP. It also supports Cisco Discovery Protocal(CDP) and LLDP for Ciscoworks to detect the switch info to be shown on L2 map topology. The user friendly UI with auto-topology drawing makes IPES-3208C much easier to get hands-on and monitoring

Compliant with 802.3af/at standard, the Lantech IPES-3208C is able to feed each PoE port up to 30 Watts@54 VDC providing the connected PD devices. The built-in relay contact is able to connect with alarm system and send Email, SNMP trap and Syslog alert in case of power or connection failure.

Lantech IPES-3208C supports advanced PoE management including 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. Each PoE ports canb be Enabled/disabled, get the voltage, current, Watt info displayed on WebUI. The IGMP static routing can designate IGMP multicast flow to certain VLAN or ports for effective surveillance application. IGMP router port can set query in ring architecture.

The innovative ITU G.8032 ring/double ring/chain which can be self-healed in less than 20ms up to 256 switches that covers data & multicast packets protection in ring or chain topologies. It also support MSTP to allow RSTP over VLAN

The built-in factory reset button and watchdog design can restore all setting back to factory default and automatically reboot the switch when CPU is found dead.   The optional environmental monitoring can detect switch temperature, voltage and current where can send the SNMP traps, email alert when abnormal.

The IPES-3208C 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-3208C 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 Lantech IPES-3208C can support up to 6KV ESD contact per UTP port to minimize the burn down risk where the electronic static discharge is usually found.

It is the best to be used in municipal, city surveillance, automation, transportation, mining, heavy Industrial factory where needs PoE functionality under harsh environment. The -E model can be used in extreme environments with an operating temperature range of -40°C to 75°C.