

## Lantech IPGS-2204DSFP

4 10/100/1000T + 2 Dual Speed SFP w/ 4-PoE at/af Managed Industrial Switch

Pro-Ring IIse covers Single-Ring and Dual Homing Topology

Pro-Ring IIIm for multiple ring topology

Support PoE Plus 802.3at/af ;120W PoE budget; 9.5~56V PoE input (12V model)

PoE management incl. Detection, Delay and Scheduling

Support Advanced SNMP including QoS, IGMP query & source only , IGMPv3, MSTP, DDM, Environmental monitoring

The Lantech IPGS-2204DSFP is an 4-port 10/100/1000BaseT + 2-port Dual Speed SFP industrial PoE switch w/4 POE 802.3at/af Injectors and Pro-Ring2se/2m self-recovery in less than 20ms. 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, query ,source only for multicast IP surveillance, static multicast forwarding for non-IGMP camera, DDM as well as Web Ping, Environmental Monitoring, SMTP and SMTP etc.

Compliant with 802.3at/af PoE Plus standard, the Lantech IPGS-2204DSFP 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. IPGS-2204DSFP-12V is built with Booster technology that can accept input voltage from 12V ~ 48V and deliver PoE power at 48V~56V to feed the PD.

Lantech IPGS-2204DSFP supports advanced PoE management including PoE detection, delay and scheduling. PoE detection can detect if the connected PD is hanging up then restart the PD; PoE delay is to delay power feeding when the switch is completely booted up; PoE scheduling is to allow pre-set power feeding schedule upon routine time table. The exclusive IGMP source only function can auto choose IGMP query for surveillance application. Static multicast forwarding enables multicast route to bind with port in case of non-IGMP cameras as video sources to avoid network flooding.

The innovative Pro-Ring 2se&2m self-recovery scheme can recover Ring network in less than 20ms for single ring or multiple rings with only one step configuration. Lantech IPGS-2204DSFP builds all the important management features required in large network like DHCP Client/Server, 802.1X authentication, IGMP Query / Snooping / v3 and Source only for reverse multicast flow ,static multicast forwarding for non-IGMP cameras, advanced QoS and SSH/SSL. It also supports Ping commands via Web to detect whether a specific device is connected for easy trouble-shooting.

The built-in factory reset button can restore all setting back to factory default in case of User name and Password are missing. The optional environmental monitoring model can display ambient temperature inside case, Input voltage, current, power consumption, PoE load info at a glance and with capability of alert setting.

With voltage boost design, the IPGS-2204DSFP-12V can work from 12/24V input power source and boost the voltage to 48/54VDC to feed the POE power over Ethernet cable for any vehicles that usually has 12/24V power source. The slim compact design is able to fit in variety of cabinets and space.

The Lantech IPGS-2204DSFP 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.

