

## **Lantech IES-2008B**

8 10/100TX Industrial Managed Switch

UL Class I Division II for Group A, B, C and D certified

ATEX Directive 94/9/EC certified (-ATEX model)

Pro-Ring2se for self-heal ring <20ms

DLR (Device Level Ring) for self-heal ring<10ms

Support Advanced SNMP including QoS, IGMP query & source only, CPU load monitoring

Watchdog Design and Factory Default Button

DNV Type Approved for Ships, Craft and Off-shore Platforms

The Lantech IES-2008B is an 8-port 10/100BaseTX SNMP industrial switch with Pro-Ring II's self-recovery scheme in 20ms. The advanced SNMP management features include QoS for 4 queues, 802.1q VLAN, IGMP snooping, query and source only for multicast IP surveillance, SSH/SSL as well as Web Ping, CPU load monitoring, SNTP and SMTP etc.

The IES-2008B supports DLR (Device Level Ring) that followed Ethernet/IP standard for industrial automation. The DLR can recover Ring network in less than 10ms with single ring up to 50 switches to form a ring topology. The Ethernet enabled PLCs can also connect to the IES-2008B.

The Pro-Ring2se self-recovery scheme can recover Ring network in less than 20ms with single ring up to 50 switches with one step setup. Lantech IES-2008B builds all the important management features required in large network like DHCP Client/Server, 802.1X authentication, IGMP Query / Snooping and source only for reverse multicast flow, and advanced QoS. It also supports Ping commands via Web to detect whether a specific device is still connected for easy trouble-shooting.

The IES-2008B has the relay contact that is able to connect with alarm system and send Email and SNMP trap alert in case of power or port failure. It also has the built-in factory reset button and watchdog design can restore all setting back to factory default and automatically reboot the switch when CPU loading is find dead.

The IES-2008B is designed to meet with critical network environment with IP 30 enclosure and test under extensive Industrial EMI and Safety standards. With UL Class I Division II / ATEX Directive 94/9/EC approval, the IES-2008B can be implemented in hazardous or explosive condition without accelerating the damage. It's the best choice for inflammable environment where the liquid, gas and vapor etc might present the hazardous condition which generally to be find in mining, oil & gas, chemical, processing automation areas. It's also suitable for surveillance, factory automation, transportation, telecom / ISP outside terminal, heavy industrial factory and other factory assembly lines.

The Lantech IES-2008B is the best to be used in municipal, city surveillance, automation, transportation, mining, heavy Industrial factory and other factory assembly lines where needs reliable and robust network. The -E / -ATEX model can be used in extreme environments with an operating temperature range of -40°C to 75°C.

