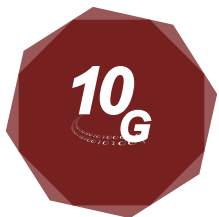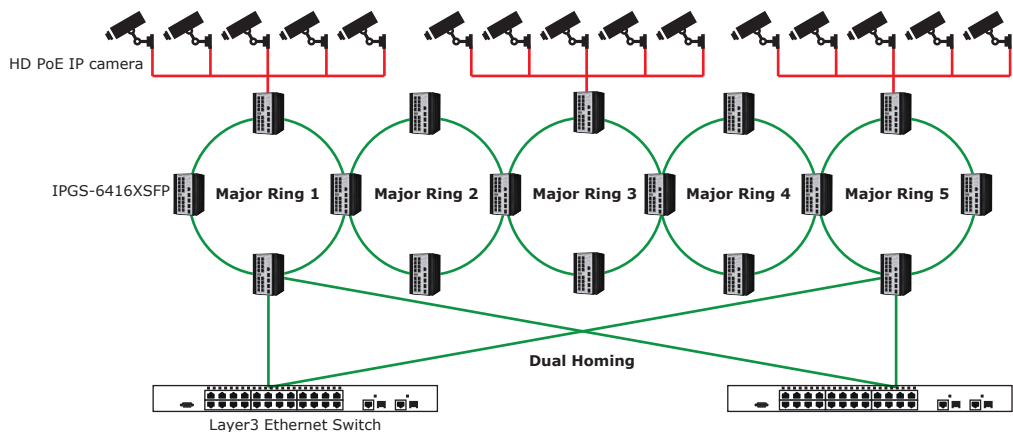# Intelligent Transportation System
SOLUTIONS

Designed for Traffic Road,
Toll Gate, and Surveillance System

As one of the most important infrastructures of our daily lives, to utilize and optimize traffic system is always a top priority to every government. Fortunately, safer, more efficient and green transportation is able to achieve via intelligent transportation systems (ITS). Lantech delivers the best industrial networking communication devices for ITS solutions, from rugged hardware to powerful yet intuitive software functions.
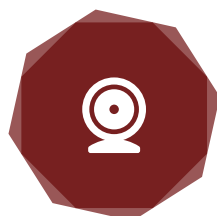
10G

10GbE copper or fiber to fulfill huge bandwidth requirement

Lantech DIN-Rail / 19"rack-mount Ethernet switches come with up to 8X 10GbE speed uplink ports which make the series ideal for huge bandwidth requirement such as HD surveillance system.

HD PoE IP camera

IPGS-6416XSFP

Major Ring 1   Major Ring 2   Major Ring 3   Major Ring 4   Major Ring 5

Dual Homing

Layer3 Ethernet Switch

—— 10G Fiber   —— 1G PoE

Enhanced Cybersecurity

- DoS / DDoS Attack Protection
- IEC 62443-4-1 Certified
- IEC 62443-4-2 Compliance***
- Dynamic ARP Inspection, IPSource Guard, and Port Security

***By yearly renew

Complete IGMP

The switch supports complete IGMP for video surveillance application:
- IGMP query   • GMRP
- IGMP static route
- 1024 multicast groups
- IGMP router port
- IGMP snooping v1, v2, v3

SW1   SW2   SW3   SW4   SW5

IGMP Request

Optional Layer3 Lite to be upgradable

- Unicast Routing: OSPF
- Multicast Routing: PIM (DM/SSM/SM/BSR)
- Inter-VLAN Routing
- Router-on-a-stick
- VRRP

PIM Routing

Layer 3 Lite

Standby VRRP

Primary VRRP

L3 Router   SW8   SW7   SW6   L3 Router

Router   WAN   Source   WAN   Router