Building Automation

Strengthen BA Systems with ORing Advanced Network Technologies

With rapid development of digital contents and networks, building surveillance systems too has evolved as intelligent digital active surveillance systems. As a result, overall video surveillance quality has vastly improved while labor and security costs are minimized. Therefore digital networks are used in important public buildings – airports, train stations, office buildings, banks, etc. – to provide connections for door access control, temperature control, lighting monitoring, security system, etc. With ORing Gigabit Ethernet Switches and ORing Optical Fiber Switches, high quality surveillance video can be transmitted from high-resolution IP surveillance cameras to applicable surveillance systems reliably and securely without interruptions. Additionally, secure industrial-grade ORing wireless APs can be used for building locations where implementation of network cables would be difficult and/or costly.

Key Products

IES-1080A

8-port slim type unmanaged Ethernet Switch
・Provides 8x10/100Base-T(X) ports
・Rigid IP-30 housing design
・-40° to 70°C operating temperature range

IAP-320+

2-port 802.11 a/b/g wireless AP with PoE(P.D.)
・High Speed Air Connectivity: WLAN interface support up to 54Mbps link speed
・Supports AP/Bridge/Repeater/AP-Client Mode, X-Roaming < 100 ms
・Dual redundant Ethernet port support redundant mode (Recovery time < 10ms)

RGPS-7244GP

28-port rack-mount managed Gigabit PoE Ethernet Switch
・24x10/100/1000Base-T(X) P.S.E. ports(up to 30W) and 4x1000Base-X SFP socket
・O-Ring (recovery time < 20ms over 250 units of connection), MSTP/RSTP/STP for Ethernet Redundancy
・Support ACL, 802.1x User Authentication for security and 9K Bytes Jumbo frame

RGPS-7084GP-P

12-port rack-mount managed Gigabit PoE Ethernet Switch
・8x10/100/1000Base-T(X) P.S.E ports(up to 30W) and 4x1000Base-X SFP socket
・O-Ring (recovery time < 20ms over 250 units of connection), MSTP/RSTP/STP for Ethernet Redundancy
・Power supply included, -40° to 70°C operating temperature range

Legend:
- Optic Fiber
- CAT5e
- PoE Link

IP Camera

IES-1080A

Local PC

Sensor

I/O

RGPS-7244GP

PLC

IAP-320+

RGPS-7084GP-P

IAP-W512

IP Camera

Sensor

IES-2050A

O-Chain

IES-2050A

Card Reader

IES-2050A

O-Ring

RGS-7244GP

Central Control Room