

## 6-Port Gigabit Industrial Managed PoE Switch



- Support Port Aggregation, Port Rate Limitation, Broadcast Storm Restraint.
- 4x Gigabit Auto-sensing RJ45 Ports, 2x Gigabit SFP Optical Ports.
- Support FTP/TFTP Upgrade Method, System Logs, File download & upload.
- Compatible with IEEE802.3af/at
- Support multi group SHR & Tangent Ring
- MAC Address Table: 8K
- Plug and play MR Ring (Self-healing time < 50 ms)
- LED Indicators for optical port, RJ45 port, power supply & warning etc.
- With high performance management system

### Product Description

KRN-ISW-MHP-0420G SHR Industrial PoE Switch, 4x Gigabit auto-sensing RJ45 ports and 2x Gigabit SFP optical port, is designed for the security of industrial automation and coal mine factory. With SHR function, easy for setting any ports to build a fast healing SHR, whose time is less than 50ms, and provide a safe network environment.

KRN-ISW-MHP-0420G, with the web, providing an abundant & complete management functions, including VLAN based on port, VLAN based on 802.1Q, QOS, IGMP Snooping, RSTP, Broadcast Storm Restraint, Port Aggregation, Port mirroring, Port management, SNMP and NTP etc.

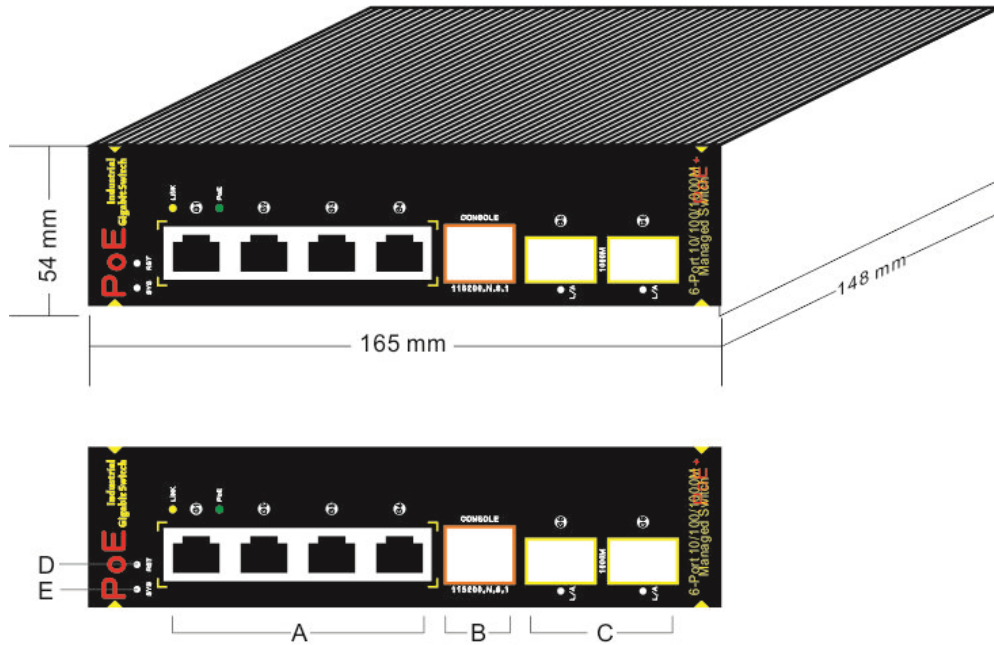
## 6-Port Gigabit Industrial Managed PoE Switch

### Technical Specifications

|                                 |  |
|---------------------------------|--|
| Name                            | 6-Port Gigabit Industrial Managed PoE Switch   |
| Model                           | KRN-ISW-MHP-0420G  |
| Interface                       | 4x gigabit RJ45 ports, 2x gigabit LC optical ports   |
| Optical Transmission Distance   | 20km, 1310nm   |
| Forwarding Mode                 | Save and forwarding  |
| Network Media                   | 10BASE-T: UTP Cat 3, 4, 5 (≤100 Meters)<br>100BASE-TX: UTP Cat 5 (≤100 Meters)   |
| Performance Specification       | Bandwidth: 12Gbps (non-blocking)<br>Network Latency (100 to 100M bps): maximum delay less than 50 microseconds<br>Packet forwarding rate: 8.93Mbps@64bytes<br>MAC address table: 8K<br>MTBF: 539608 hours  |
| Network Protocols and Standards | IEEE 802.3i 10BASET<br>IEEE 802.3u 100BASETX<br>IEEE 802.3x Flow Control<br>IEEE 802.3af /at   |
| LED Indicator                   | Running Light: SYS, Interface Light: LINK, PoE   |
| Power Supply                    | Voltage Input: DC48-57V,<br>Connection mode: 5 industrial terminals<br>Power consumption: Max 130W   |
| Dimension                       | 165*148*54(mm)   |
| Working Environment             | Working Temperature: -40~85 °C<br>Storage Temperature: -40~85 °C<br>Relative Humidity: 5%~95%, non-condensing<br>Storage Humidity: 10%~95%, non-condensing<br>Working Height: 3000M above sea level (10,000ft)<br>Storage Height: 3000M above sea level (10,000ft) |
| Radiation                       | CE mark, commercial<br>FCC Part 15 Class B   |
| Certification                   | CE Mark ,commercial<br>CE/LVD  |
| Warranty                        | 2 years  |

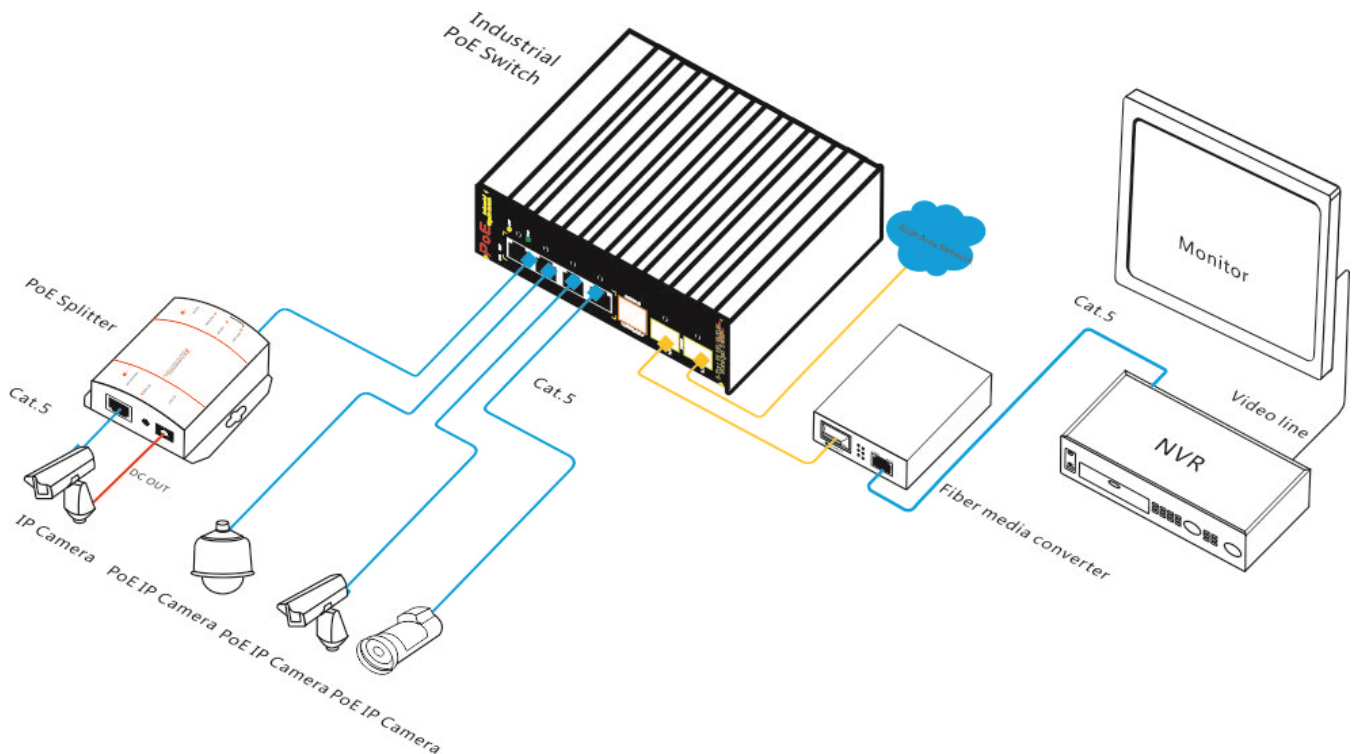
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### Dimension



- A. PoE Port
- B. CONSOLE Port
- C. Uplink SFP Port
- D. Working LED Indicator
- E. Reset

### Application



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## 6-Port Gigabit Industrial Managed PoE Switch

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### Product Ordering Information

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**Model:** KRN-ISW-MHP-0420G

**Description:** 6-Port Gigabit Industrial Managed PoE Switch □ 4x Gigabit RJ45 Ports + 2x Gigabit SFP Optical Ports, 1-4 port support PoE, compatible with IEEE802.3af/at standard. Max power for single port is 30W.

### Product Packing Lists

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|              |  |
|--------------|--|
| Packing List | 6-Port Gigabit Industrial Managed PoE Switch ( KRN-ISW-MHP-0420G ) |
|              | User Guide   |
|              | Warranty Card  |

(Power Supply & Optical Module are not included.)