



Product Description

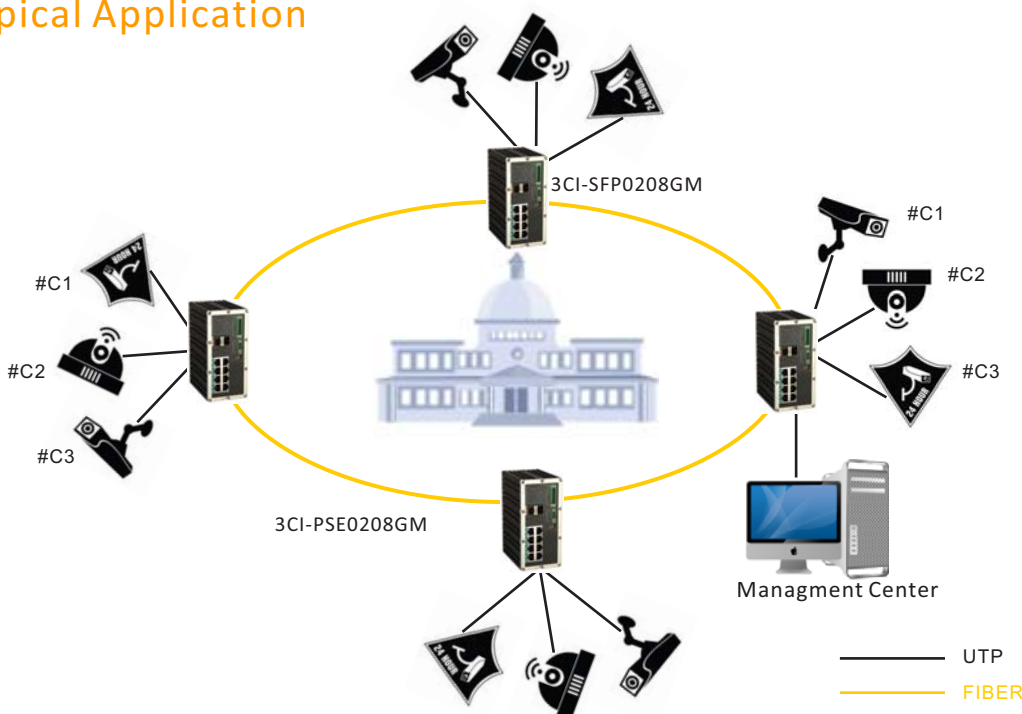
The 3CI-PSE0208GM series is a high performance 10 port, industrial, managed gigabit Ethernet switch with eight 10/100/1000M PoE ports and two gigabit SFP ports. The eight PoE ports support IEEE802.3af/at standard. The switch supports Ethernet Ring Protection Switching (ERPS) as well as STP/RSTP/MSTP. It also supports Web-based network management, VLAN, QoS, SNMP, IGMP snooping and other network functions. LED indicators provide the connection status when using SFP option. Rugged design with IP40 enclosure and industrial level 3 ESD protection makes it suitable for many applications such as Intelligent Transportation Systems, IP surveillance and industrial networks. The product is available in either DIN rail or wall-mount configurations.

Product Features

- 8* 10/100/1000Base-T Ethernet ports (PoE)
- 2* 1000BASE-X SFP ports
- ERPS (typical recovery time < 30ms with 250 connected units)
- STP / RSTP / MSTP redundancy protocols and standards
- SNMPv1/v2c/v3 & RMON & Port base/802.1Q VLAN network management
- IGMP Snooping multicast function
- WEB, Telnet, SSH, Console (CLI)
- open and close port, binding MAC and port
- 802.1x network access control
- 802.1Q protocol, Isolate network flow
- Radius Centralized password management
- IEEE802.3af/at standard
- Overload current protection and reverse polarity protection
- IP40 enclosure protection
- Unique DIN mount design makes mounting and removal simple
- Both PoE and Non-PoE models are available



Typical Application





Specifications

Standards

IEEE Ethernet Standards	IEEE802.3, IEEE802.3u, IEEE 802.1ab, IEEE802.3z, IEEE 802.3x, IEEE 802.3ad, IEEE 802.1d, IEEE 802.1p, IEEE 802.1q, IEEE 802.1w, IEEE 802.1s, IEEE 802.1x, IEEE 802.1ab
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Ports

10/100/1000MBase-T	8
1000MBase-X SFP ⁽¹⁾	2

Switch Performance

Architecture	Store-and-forward
Bandwidth	24Gbps
Buffer	4Mbps
Mac Address Table	8192

PoE

Standard	IEEE802.3af/at
PSE Type	End-span
Power Pin Assignment	1 / 2 (+), 3 / 6 (-)
Power Output ⁽²⁾	Each port up to 30W

Management

VLAN	4K VLAN; Port-based VLAN; 802.1Q VLAN protocol;
Port configuration	Port enable/disable; Port rate settings; Full-duplex mode; Flow control;
Multicasting	SNMP V1/V2/V3 protocols; IGMP Snooping; IGMP multicast group:1024

Console Port

RJ45

Mechanical

Enclosure	1p40
Dimension (W*L*H)	47mm * 146mm * 181mm
Weight	0.75KG

PoE Management

Total Power Consumption Control; PoE ON/OFF; Port Output Priority;

Security Feature

Enable/disable ports
MAC based port security
Port based network access control
VLAN (802.1Q)
Radius centralized password management
SNMP v1/v2c/v3 encrypted authentication and access security

Protocols

ERPS/STP/RSTP/MSTP, SNTP, 1588 PTP, DHCP Server/Client, MVR, IGMP v1/v2, GMRP, GVRP, SNMP v1/v2c/v3, TFTP, SMTP,RMON, RARP, HTTP, HTTPS, Telnet, SSH, Syslog, LLDP, IPv6, NTP Server/Client

Warning & Monitoring

Relay output for fault event alarming
Syslog to record and view events
Event selection support

Relay Output

1A@24VDC NC or NO

Power ⁽³⁾

Redundant Power Input	48 ~ 57Vdc
Power Consumption	< 12W (without PoE output)
POE Budget	240W
Overload Current Protection	Yes
Reverse polarity protection	Yes

Environmental

Operating Temperature	-40 ~ +75Degree
Storage Temperature	-40 ~ +85Degree
Operating humidity	5%~95% non-condensing

Protection

Surge	6KV, IEC61000-4-5
ESD	ESD Level 4: IEC61000-4-2 RS Level 3: IEC61000-4-3 EFT Level 4: IEC61000-4-4 CS Level 3: IEC61000-4-6

Order Information

3CI-SFP0208GM	Managed, 8*10/100/1000 Base-T Industrial type, 2 Gigabit SFP
3CI-PSE0208GM	Managed, 8*10/100/1000 Base-T PoE/PoE+, 2 Gigabit SFP

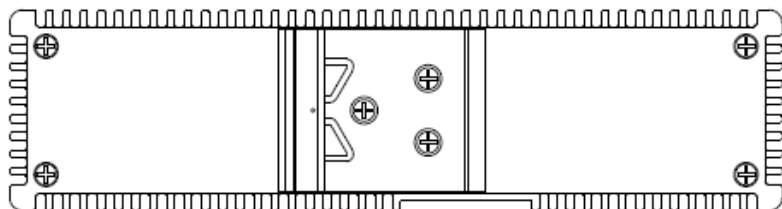
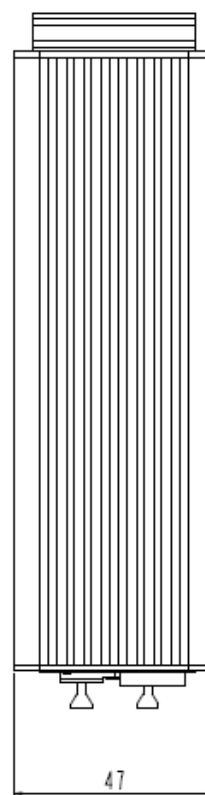
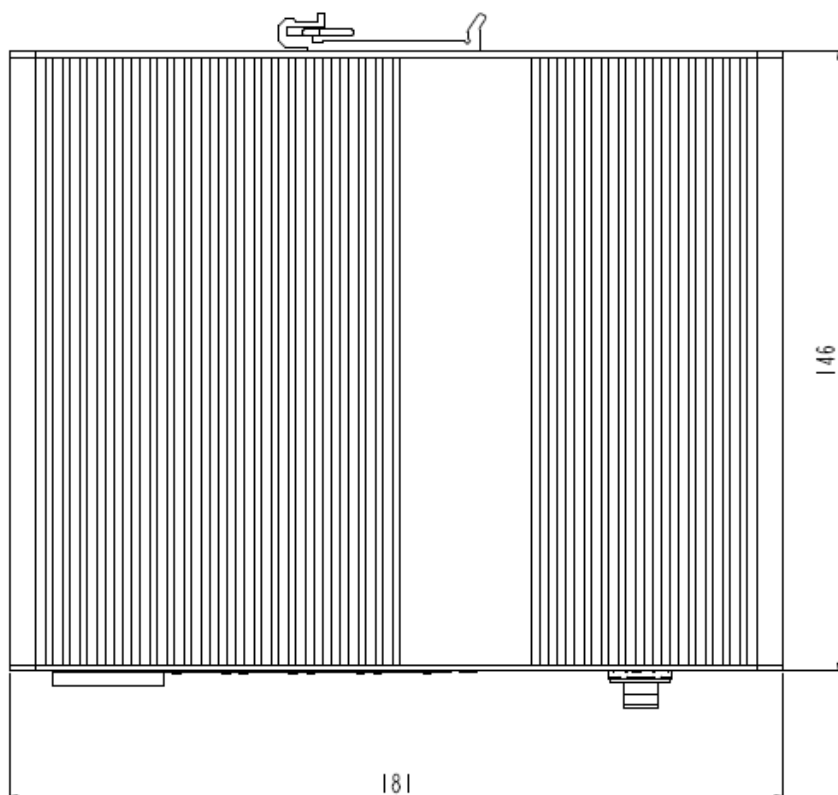
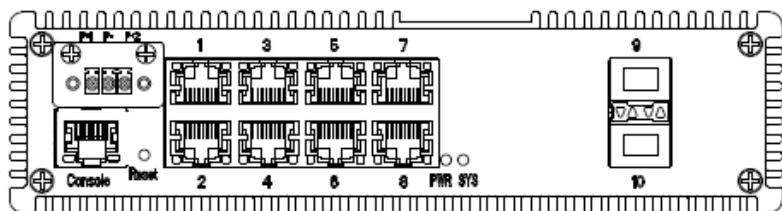
1. SFP module sold separately.

2. Each port supports maximum 30W output. Output can be managed via Web software.

3. Power supply sold separately.



Products Size



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Product Description

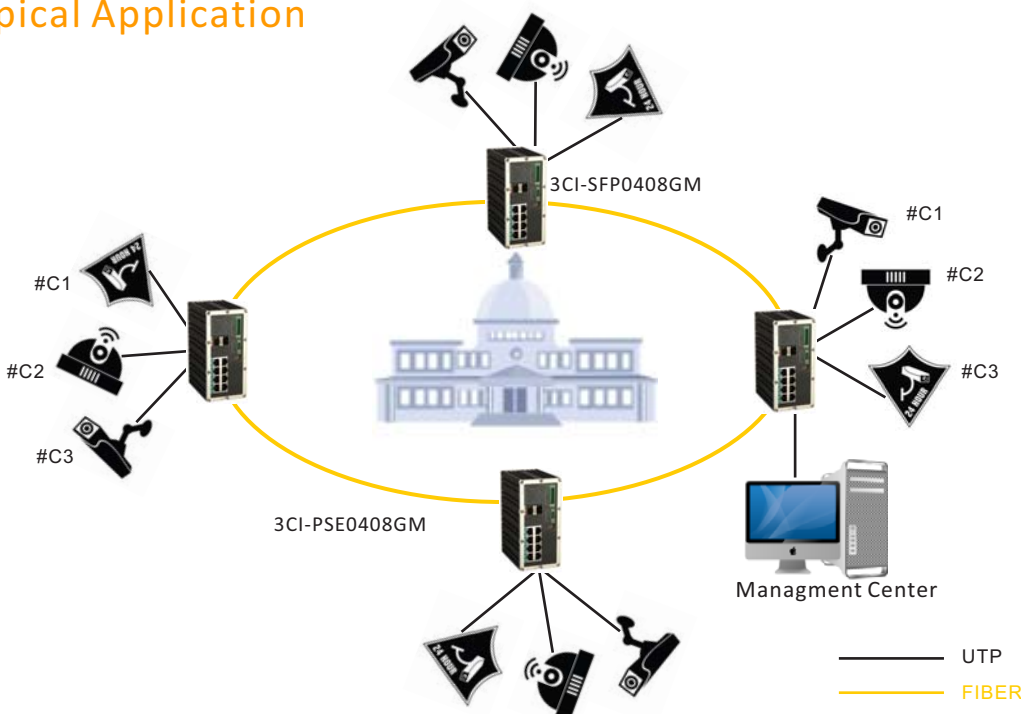
The 3CI-PSE0408GM series is a high performance 12 port, industrial, managed gigabit Ethernet switch with eight 10/100/1000M PoE ports and four gigabit SFP ports. The eight PoE ports support IEEE802.3af/at standard. The switch supports Ethernet Ring Protection Switching (ERPS) as well as STP/RSTP/MSTP. It also supports Web-based network management, VLAN, QoS, SNMP, IGMP snooping and other network functions. LED indicators provide the connection status when using SFP option. Rugged design with IP40 enclosure and industrial level 3 ESD protection makes it suitable for many applications such as Intelligent Transportation Systems, IP surveillance and industrial networks. The product is available in either DIN rail or wall-mount configurations.

Product Features

- 8* 10/100/1000Base-T Ethernet ports (PoE)
- 4* 1000BASE-X SFP ports
- ERPS (typical recovery time < 30ms with 250 connected units)
- STP / RSTP / MSTP redundancy protocols and standards
- SNMPv1/v2c/v3 & RMON & Port base/802.1Q VLAN network management
- IGMP Snooping multicast function
- WEB, Telnet, SSH, Console (CLI)
- open and close port, binding MAC and port
- 802.1x network access control
- 802.1Q protocol, Isolate network flow
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- IEEE802.3af/at standard
- Overload current protection and reverse polarity protection
- IP40 enclosure protection
- Unique DIN mount design makes mounting and removal simple
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Typical Application





Specifications

Standards

IEEE Ethernet Standards	IEEE802.3, IEEE802.3u, IEEE 802.1ab, IEEE802.3z, IEEE 802.3x, IEEE 802.3ad, IEEE 802.1d, IEEE 802.1p, IEEE 802.1q, IEEE 802.1w, IEEE 802.1s, IEEE 802.1x, IEEE 802.1ab
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Ports

10/100/1000MBase-T	8
1000MBase-X SFP ⁽¹⁾	4

Switch Performance

Architecture	Store-and-forward
Bandwidth	32Gbps
Buffer	4Mbps
Mac Address Table	8192

PoE

Standard	IEEE802.3af/at
PSE Type	End-span
Power Pin Assignment	1 / 2 (+), 3 / 6 (-)
Power Output ⁽²⁾	Each port up to 30W

Management

VLAN	4K VLAN; Port-based VLAN; 802.1Q VLAN protocol;
Port configuration	Port enable/disable; Port rate settings; Full-duplex mode; Flow control;
Multicasting	SNMP V1/V2/V3 protocols; IGMP Snooping; IGMP multicast group:1024

Console Port

RJ45

Mechanical

Enclosure	1p40
Dimension (W*L*H)	47mm * 146mm * 181mm
Weight	0.75KG

PoE Management

Total Power Consumption Control; PoE ON/OFF; Port Output Priority;

Security Feature

Enable/disable ports
MAC based port security
Port based network access control
VLAN (802.1Q)
Radius centralized password management
SNMP v1/v2c/v3 encrypted authentication and access security

Protocols

ERPS/STP/RSTP/MSTP, SNTP, 1588 PTP, DHCP Server/Client, MVR, IGMP v1/v2, GMRP, GVRP, SNMP v1/v2c/v3, TFTP, SMTP, RMON, RARP, HTTP, HTTPS, Telnet, SSH, Syslog, LLDP, IPv6, NTP Server/Client

Warning & Monitoring

Relay output for fault event alarming
Syslog to record and view events
Event selection support

Relay Output

1A@24VDC NC or NO

Power ⁽³⁾

Redundant Power Input	48 ~ 57Vdc
Power Consumption	< 12W (without PoE output)
POE Budget	240W
Overload Current Protection	Yes
Reverse polarity protection	Yes

Environmental

Operating Temperature	-40 ~ +75Degree
Storage Temperature	-40 ~ +85Degree
Operating humidity	5%~95% non-condensing

Protection

Surge	6KV, IEC61000-4-5
ESD	ESD Level 4: IEC61000-4-2 RS Level 3: IEC61000-4-3 EFT Level 4: IEC61000-4-4 CS Level 3: IEC61000-4-6

Order Information

3CI-SFP0408GM	Managed, 8*10/100/1000 Base-T Industrial type, 4 Gigabit SFP
3CI-PSE0408GM	Managed, 8*10/100/1000 Base-T PoE/PoE+, 4 Gigabit SFP

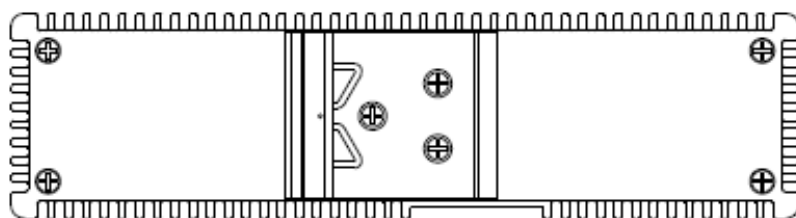
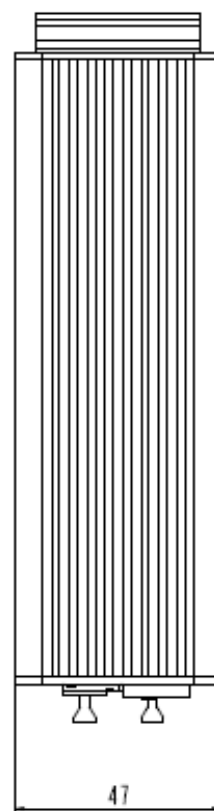
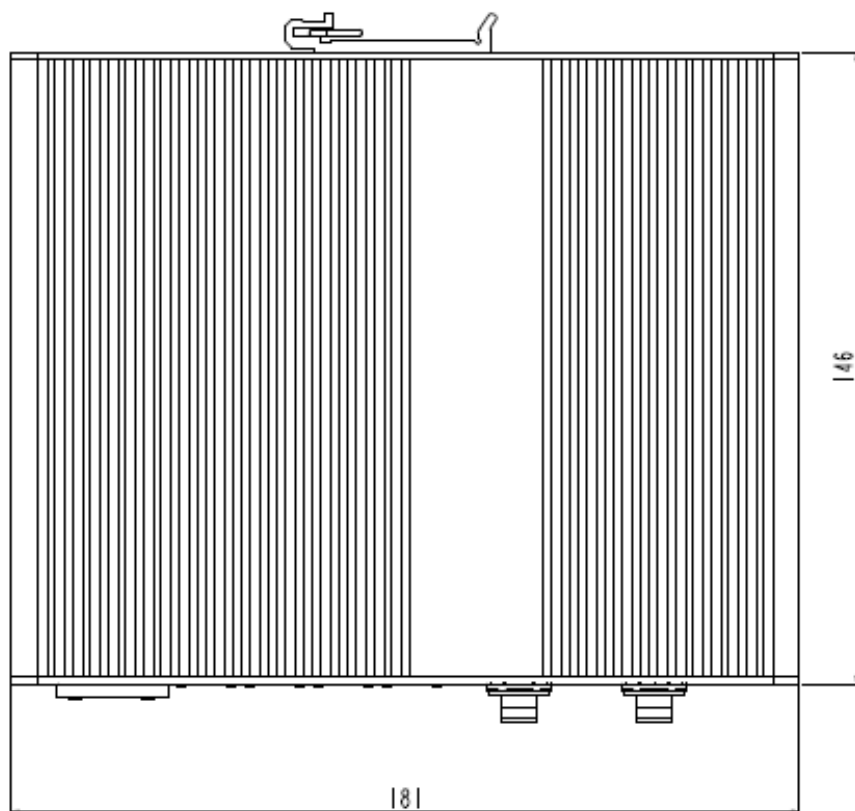
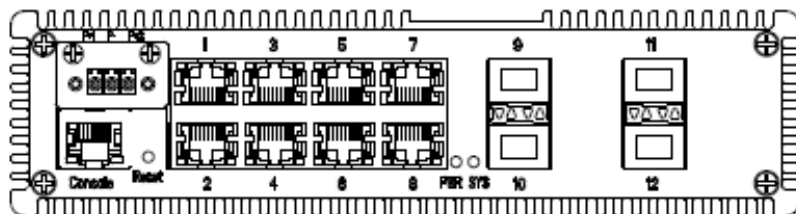
1. SFP module sold separately.

2. Each port supports maximum 30W output. Output can be managed via Web software.

3. Power supply sold separately.



Products Size



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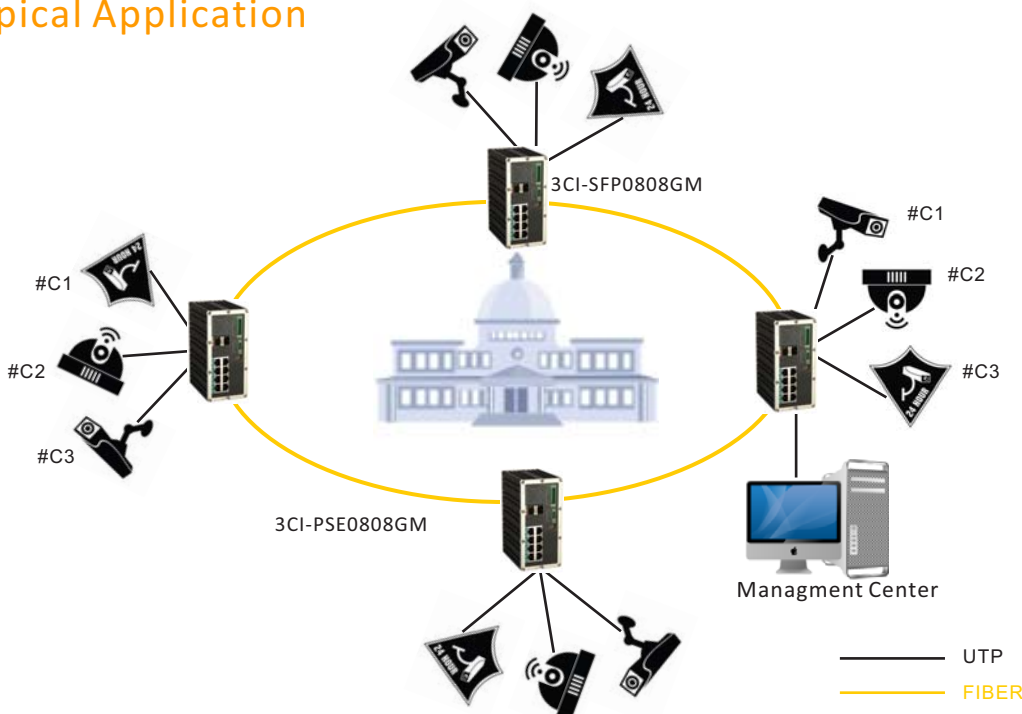
The 3CI-PSE0808GM series is a high performance 16 port, industrial, managed gigabit Ethernet switch with eight 10/100/1000M PoE ports and eight gigabit SFP ports. The eight PoE ports support IEEE802.3af/at standard. The switch supports Ethernet Ring Protection Switching (ERPS) as well as STP/RSTP/MSTP. It also supports Web-based network management, VLAN, QoS, SNMP, IGMP snooping and other network functions. LED indicators provide the connection status when using SFP option. Rugged design with IP40 enclosure and industrial level 3 ESD protection makes it suitable for many applications such as Intelligent Transportation Systems, IP surveillance and industrial networks. The product is available in either DIN rail or wall-mount configurations.

Product Features

- 8* 10/100/1000Base-T Ethernet ports (PoE)
- 8* 1000BASE-X SFP ports
- ERPS (typical recovery time < 30ms with 250 connected units)
- STP / RSTP / MSTP redundancy protocols and standards
- SNMPv1/v2c/v3 & RMON & Port base/802.1Q VLAN network management
- IGMP Snooping multicast function
- WEB, Telnet, SSH, Console (CLI)
- open and close port, binding MAC and port
- 802.1x network access control
- 802.1Q protocol, Isolate network flow
- Radius Centralized password management
- IEEE802.3af/at standard
- Overload current protection and reverse polarity protection
- IP40 enclosure protection
- Unique DIN mount design makes mounting and removal simple
- Both PoE and Non-PoE models are available



Typical Application





Specifications

Standards

IEEE Ethernet Standards	IEEE802.3, IEEE802.3u, IEEE 802.1ab, IEEE802.3z, IEEE 802.3x, IEEE 802.3ad, IEEE 802.1d, IEEE 802.1p, IEEE 802.1q, IEEE 802.1w, IEEE 802.1s, IEEE 802.1x, IEEE 802.1ab
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Ports

10/100/1000MBase-T	8
1000MBase-X SFP (1)	8

Switch Performance

Architecture	Store-and-forward
Bandwidth	32Gbps
Buffer	4Mbps
Mac Address Table	8192

PoE

Standard	IEEE802.3af/at
PSE Type	End-span
Power Pin Assignment	1 / 2 (+), 3 / 6 (-)
Power Output (2)	Each port up to 30W

Management

VLAN	4K VLAN; Port-based VLAN; 802.1Q VLAN protocol;
Port configuration	Port enable/disable; Port rate settings; Full-duplex mode; Flow control;
Multicasting	SNMP V1/V2/V3 protocols; IGMP Snooping; IGMP multicast group:1024

Console Port

RJ45

Mechanical

Enclosure	1p40
Dimension (W*L*H)	47mm * 146mm * 181mm
Weight	0.75KG

PoE Management

Total Power Consumption Control; PoE ON/OFF; Port Output Priority;

Security Feature

Enable/disable ports
MAC based port security
Port based network access control
VLAN (802.1Q)
Radius centralized password management
SNMP v1/v2c/v3 encrypted authentication and access security

Protocols

ERPS/STP/RSTP/MSTP, SNTP, 1588 PTP, DHCP Server/Client, MVR, IGMP v1/v2, GMRP, GVRP, SNMP v1/v2c/v3, TFTP, SMTP, RMON, RARP, HTTP, HTTPS, Telnet, SSH, Syslog, LLDP, IPv6, NTP Server/Client

Warning & Monitoring

Relay output for fault event alarming
Syslog to record and view events
Event selection support

Relay Output

1A@24VDC NC or NO

Power (3)

Redundant Power Input	48 ~ 57Vdc
Power Consumption	< 12W (without PoE output)
POE Budget	240W
Overload Current Protection	Yes
Reverse polarity protection	Yes

Environmental

Operating Temperature	-40 ~ +75Degree
Storage Temperature	-40 ~ +85Degree
Operating humidity	5%~95% non-condensing

Protection

Surge	6KV, IEC61000-4-5
ESD	ESD Level 4: IEC61000-4-2 RS Level 3: IEC61000-4-3 EFT Level 4: IEC61000-4-4 CS Level 3: IEC61000-4-6

Order Information

3CI-SFP0808GM	Managed, 8*10/100/1000 Base-T Industrial type, 8 Gigabit SFP
3CI-PSE0808GM	Managed, 8*10/100/1000 Base-T PoE/PoE+, 8 Gigabit SFP

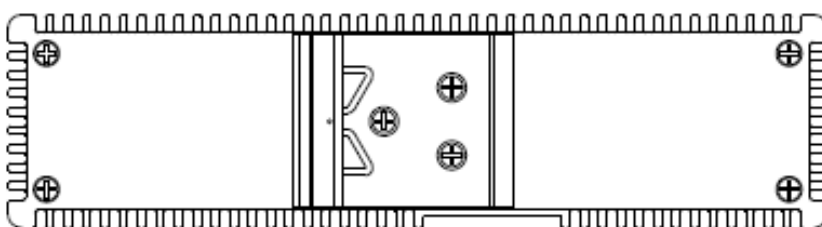
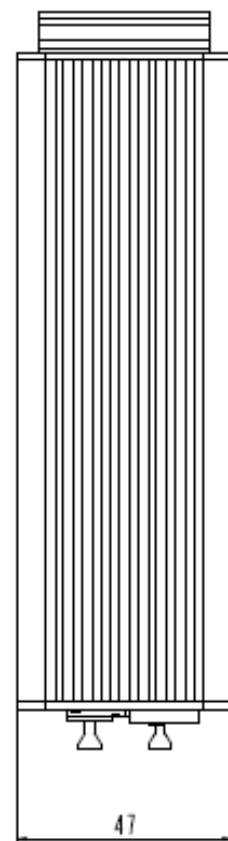
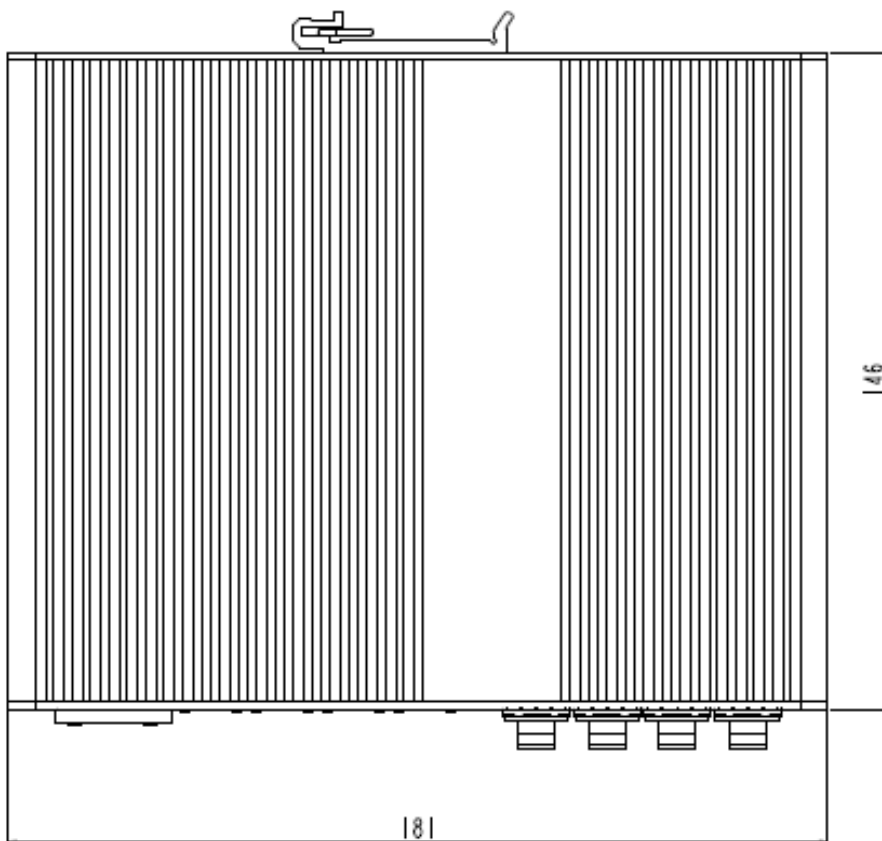
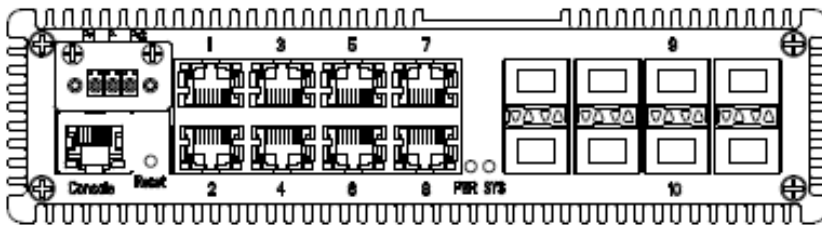
1. SFP module sold separately.
2. Each port supports maximum 30W output. Output can be managed via Web software.
3. Power supply sold separately.

3CI-SFP0808GM/3CI-PSE0808GM

Industrial Managed Gigabit Ethernet Switch with PoE+
16 ports: 8 1000M PoE+ ports and 8 Gigabit SFP ports



Products Size



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Product Description

The 3CIH-PSE0408PGM series is a high performance 12 port, industrial, managed gigabit Ethernet switch with eight 10/100/1000M PoE ports and four gigabit SFP ports. The eight PoE ports support IEEE802.3af/at standard. The switch supports Ethernet Ring Protection Switching (ERPS) as well as STP/RSTP/MSTP. It also supports Web-based network management, VLAN, QoS, SNMP, IGMP snooping and other network functions. LED indicators provide the connection status when using SFP option. Rugged design with IP40 enclosure and industrial level 3 ESD protection makes it suitable for many applications such as Intelligent Transportation Systems, IP surveillance and industrial networks. The product is available in either DIN rail or wall-mount configurations.

Product Features

- 8* 10/100/1000Base-T Ethernet ports (PoE)
- 4* 100M / 1000BASE-X SFP ports
- ERPS (typical recovery time < 30ms with 250 connected units)
- STP / RSTP / MSTP redundancy protocols and standards
- SNMPv1/v2c/v3 & RMON & Port base/802.1Q VLAN network management
- IGMP Snooping multicast function
- WEB, Telnet, SSH, Console (CLI)
- open and close port, binding MAC and port
- 802.1x network access control
- 802.1Q protocol, Isolate network flow
- Radius Centralized password management
- IEEE802.3af/at standard
- Overload current protection and reverse polarity protection
- IP40 enclosure protection
- Unique DIN mount design makes mounting and removal simple
- Both PoE and Non-PoE models are available



Typical Application

