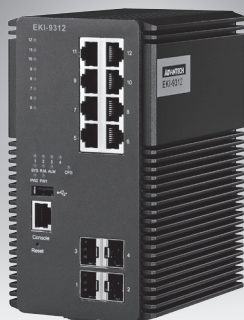


EKI-9312

Industrial-Class 12 Port Full Gigabit Managed DIN Rail Switch

NEW



Features

- All Gigabit connections support dual-ring protection and non-blocking traffic forwarding
- X-Ring Pro: recovery time within 20ms for 250 node connections
- STP, RSTP, MSTP for better redundancy
- Super security mechanism includes SSL, SSH, 802.1X, MAC, IP filtering, RADIUS, TACACS+, VLAN for access protection
- Dual power input, dual image for system reliability
- Operating temperature: -40 ~ 75°C

Introduction

The EKI-9312 Gigabit Managed Ethernet Switches are designed for rigorous mission critical applications, such as factory automation, ITS, and process control. The 4 Gigabit Ethernet ports allow great flexibility to build up a Gigabit redundant ring and a Gigabit uplink.

The EKI-9312 is equipped with 8 Gigabit Ethernet ports and up to 4 fiber optic ports, making them ideal for upgrading an existing network to Gigabit speed or building a new, full Gigabit network. The X-Ring Pro with RSTP, STP and MSTP support, increases system reliability and the availability of your network. The EKI-9312 are designed especially for communication demanding applications, such as video and process monitoring, or intelligent transportation systems, all of which can benefit from a scalable backbone construction.

Specifications

Interface

- I/O Port 8 x 10/100/1000Base-T/TX RJ-45
4 x 1000BASE-X SFP
- Console port RJ-45
- F/W backup port USB
- Power Connector 6-pin screw Terminal Block (including relay)

Physical

- Enclosure Aluminum Shell
- Protection Class IP 30
- Installation DIN Rail
- Dimensions (W x H x D) 86 x 165 x 125 (mm)

LED Display

- System LED PWR1, PWR2, SYS, CFG, Alarm and R.M.
- Port LED Link / Speed / Activity

Environment

- Operating Temperature -40 ~ 75°C
- Storage Temperature -40 ~ 85°C
- Ambient Relative Humidity 10 ~ 95% (non-condensing)
- Humidity 10 ~ 95% (non-condensing)

Power

- Power Consumption ~ 21.82 Watts (System)
- Power Input 24/48 V_{DC} dual inputs

Certification

- EMI CE, FCC Class A
- Safety UL60950 C1D2
- EMC EN61000-6-4; EN61000-6-2; EN61000-4-2 (ESD) Level 4 EN61000-4-3 (RS) Level 3; EN61000-4-4 (EFT) Level 4 EN61000-4-5 (Surge) Level 4; EN61000-4-6 (CS) Level 3 EN61000-4-8 (Magnetic Field) Level 4; EN50121-4
- Shock IEC 60068-2-27
- Freefall IEC 60068-2-32
- Vibration IEC 60068-2-6

L2 Features

- L2 MAC Address 16K
- Jumbo Frame 12KB
- VLAN Group 4K (VLAN ID 1~4094)
- VLAN Arrange Mac based VLAN, Protocol based VLAN, IP subnet based VLAN, Port based VLAN, Q-in-Q (VLAN Stacking), GVRP
- Port Mirroring Per port, Multi-source port
- IP Multicast IGMP Snooping v1/v2/v3, MLD Snooping, IGMP Immediate leave
- Storm Control Broadcast, Multicast, Unknown unicast
- Spanning Tree IEEE 802.1D-STP, IEEE 802.1s-MSTP, IEEE 802.1w-RSTP, X-Ring Pro

QoS

- Priority Queue Scheduling WRR (Weighted Round Robin), SP (Strict Priority), Hybrid Priority
- Class of Service IEEE 802.1p Based CoS, IP TOS, DSCP based CoS
- Rate Limiting Ingress Rate limit, Egress Rate limit
- Link Aggregation IEEE 802.3ad Dynamic Port Trunking, Static Port Trunking

Technical drawings of the IBC-4312 device showing front, top, and side views with dimensions.

Front View: The device has a width of 86 and a height of 155. The top section contains a display and controls, with a width of 72. The bottom section features a large speaker grille.

Top View: The device has a width of 116.8 and a depth of 8.75. The front edge shows a speaker grille with a width of 52.95 and a height of 47.05. A label on the top surface reads "IB-COMTEL IBC-4312".

Side View: The device has a width of 10 and a depth of 66. The side panel shows a speaker grille with a width of 52.95 and a height of 47.05.

Bottom View: The device has a width of 35.56 and a height of 20.25. The bottom surface features a speaker grille with a width of 5.08 (5X) and a height of 5.08 (5X).

▪ Port Security	Static, Dynamic
▪ Authentication	802.1x (Port-Based, MAC-Based, MD5/TLS/TTLS/PEAP Encryption), RADIUS, TACACS+
▪ ACL	1K rules
▪ Advanced Security	IP Source guard, ARP inspection, DHCP Snooping

- **DHCP** Client, Server, Relay, Option66/67/82
- **Access** SNMP v1/v2c/v3, WEB, Telnet, RMON, Standard MIB, Private MIB
- **Security access** SSH2.0, SSL
- **Software upgrade** TFTP, HTTP, Dual Image
- **NTP** NTP client/server

- **EKI-9312-C01D42E** Layer 2 Fastpath, 8xGbE 100/1000Base-T + 4x GbE SFP w/ 24/48 V_{DC} Redundant Power Input

Contact our sales for more pricing & ordering information.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.