

**EKI-9728G-4X8CI** **带AC/DC的工业机架式L3网管交**

**换机**



**特性**

****16个千兆RJ-45端口+4个万兆SFP端口+8个千兆组合端口

****L3功能：静态路由、RIP v1/v2、OSPF v2、VRRP

****SFP插座，方便灵活的光纤扩展

****管理：SNMP v1/v2c/v3、web、telnet、标准MIB

****安全：802.1X https、ssh和snmpv3

****双电源输入和2 x继电器输出

****宽工作温度范围-40~85˚C

**RoHS**

**COMPLIANT**

2002/95/EC

**介绍**

EKI-9728G是一个L3管理交换机，支持RIP v1/v2、OSPF v2和VRRP。宽工作温度-40~85°C，能在恶劣环境下可靠工作。该设备设计有16个千兆端口、4个万兆SFP端口和8个千兆端口，提供丰富灵活的连接选项。最后，EKI-9728G系列具有双电源输入以确保系统稳定性，以及2个继电器输出以提高用户灵活性。

**规格**

**通信**

|  |  |  |
| --- | --- | --- |
| **** | **标准** | IEEE 802.3, 802.3u, 802.3x, 802.3z, 802.1D, 802.1w, |
|  |  | 802.1p, 802.1Q, 802.1X, 802.3ad, 802.3ab |
| **** | **LAN** | 10/100/1000BASE-TX, optional 100BASE-FX, |
|  |  | 1000BASE-SX/LX/LHX/XD/ZX/EZX |
| ** 传输距离** | Ethernet: Up to 100 m (4- wire Cat.5e, Cat.6 RJ45 |
|  |  | cable suggested for Gigabit port) |
|  |  | SFP: Up to 110 km (depends on SFP) |
| **** | **传输速度** | Ethernet: 10/100 Mbps Auto-Negotiation |
|  |  | Gigabit Copper: 10/100/1000 Mbps, Auto-Negotiation |
|  |  | Gigabit Fiber: Up to 1000 Mbps |

**源**

**电力消耗** 19.24 W @ 110VAC

**电源输入** 90 ~ 264AC/88 ~ 370VDC

**故障输出** 2 Relay Outputs

**护**

** 反极性** Present

** 过载电流** Present

**境**

** 操作温度** -40 ~ 85°C (-40 ~ 185°F)

** 储存温度** -40 ~ 85°C (-40 ~ 185°F)

**接口**

** 连接器**

* **LED 指示灯**
* **控制器**

16 x RJ45 (Ethernet)

8 x RJ45/SFP (mini-GBIC) combo ports

4 x SFP Ports

3-pin removable screw terminal (Power)

4-pin removable screw terminal (Relay)

10/100T (X): Link/Activity, Duplex/Collision

Gigabit Copper: Link/Activity, Speed (1000 Mbps)

SFP: Link/Activity

RS-232 (RJ45)

** 工作湿度** 10 ~ 95% (non-condensing)

** 储存湿度** 10 ~ 95% (non-condensing)

**证**

|  |  |
| --- | --- |
| ** EMI** | CE FCC EN55022 Class A |
| ** EMS** | EN 61000-4-2 |
|  | EN 61000-4-3 |
|  | EN 61000-4-4 |
|  | EN 61000-4-5 |
|  | EN 61000-4-6 |
|  | EN 61000-4-8 |

**构**

** 外壳** IP30, metal shell with solid mounting kits

**** **尺寸 (W x H x D)** 442 x 44 x 352 mm (17.4" x 1.73" x 13.85")

** 安装** 1U 19" Rack mount



|  |  |  |
| --- | --- | --- |
| **** | **Shock** | IEC 60068-2-27 |
| **** | **Freefall** | IEC 60068-2-32 |
| **** | **Vibration** | IEC 60068-2-6 |

**Industrial Ethernet Solutions**

All product specifications are subject to change without notice. Last updated: 27-Jun-2018

**EKI-9728G-4X8CI**

**结构图** Unit: mm



442



482

|  |
| --- |
| 44 |

465

|  |
| --- |
| 352 |



Ø6.8x10.3 OB Hole

|  |  |
| --- | --- |
| 6.20 | 12.70 5.90 |

**二级功能**

** L2 MAC Address** 16K

** Jumbo Frame** 12KB

** VLAN Group** 4093 (VLAN ID 1~4093)

** VLAN** Mac based VLAN, Protocol based VLAN,

IP subnet based VLAN, Port based VLAN, 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

** Unicast Routing** Static Routing, RIPV1/V2, OSPF

**QoS**

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

**安全**

** Port Security** Static, Dynamic

** Authentication** 802.1x (Port-Based), RADIUS, TACACS+

** Advanced Security** IP Source Guard

**管理**

** DHCP** Client, Server

** Access** SNMP v1/v2c/v3, WEB, Telnet, RMON, Standard MIB,

Private MIB

** Security Access** SSH 2.0, SSL

** Software Upgrade** TFTP, HTTP, Dual Image

** NTP** SNTP client

** Routing Redunance** VRRP

**订购信息**

** EKI-9728G-4X8CI-AE** Ind. Rackmount L3 Managed Switch with AC/DC

**Online Download** www.advantech.com/products