

非网管型交换机DSW系列 Unmanaged switch DSW series



DSW-A3K



DSW-A5K



DSW-A8K

特点

- 采用工业级芯片。
- 支持10/100/1000 BaseT(X)(RJ45接口)。
- 体积小，易于安装。
- 支持BSP广播风暴保护、QoS优先级。
- 压铸铝合金外壳。
- IP30防护等级。
- 无风扇，-40°C到+75°C工作温度。

Features

- Industrial-grade Chip.
- 10/100/1000 BaseT(X)(RJ45 connector).
- Compact size for easy installation.
- Broadcast storm protection (BSP), the Quality of Service (QoS) function.
- Die-casting aluminum alloy housing.
- IP30 protection class.
- -40 to 75°C wide operating temperature range.

技术指标 Specifications

型号 Type	DSW-A5K0005	DSW-A8K0008	DSW-A3K1020	DSW-A5K0050	DSW-A8K0080	DSW-A5K0104	DSW-A8K0206	DSW-A8K0107
端口 Ports	5电口 5 BaseT ports	8电口 8 BaseT ports	1光2电 1BaseX SFP port 2 BaseT ports	5电口 5 BaseT ports	8电口 8 BaseT ports	1光4电 1 BaseX SFP port 4 BaseT ports	2光6电 2 BaseX SFP port 6 BaseT ports	1光7电 1 BaseX SFP port 7 BaseT ports
带宽 Bandwidth	100M	100M	1000M	1000M	1000M	100M	100M	100M

交换性能 Switch Properties

交换技术 Processing Type	平行存储转发 Store-and-Forward
背板带宽 Backplane Bandwidth	16Gbps (最大值) 16Gbps (Max)
MAC地址表 MAC Table Size	4K (最大值) 4K (Max)
包缓存区 Packet Buffer Size	1.5Mb (最大值) 1.5Mb (Max)

拨码开关配置 DIP Switch Configuration

	Quality of Service (QoS), Broadcast Storm Protection (BSP)
	以太网接口 Ethernet Interface

功率参数 Power Parameters

连接 Connection	1个可拆卸的2-PIN端子 1 removable 2-contact terminal block
输入电压 Input Voltage	12/24/48 VDC & 24 VAC
工作电压 Operating Voltage	9.6~60 VDC & 18~30 VAC
过载电流保护 Overload Current Protection	Supported
反极性保护 Reverse Polarity Protection	Supported

物理特性 Physical Characteristics

安装方式 Installation	卡轨安装 DIN-rail mounting
外壳 Housing	压铸铝合金外壳 Die-casting aluminum alloy housing
产品尺寸 (W×H×D) Dimensions	MTX100-A3K/A5K : 24mm x 100mm x 61.8mm MTX100-A8K : 40mm x 100mm x 61.8mm
重量 Weight	0.23Kg (最大值) 0.23Kg (Max)
功耗 Power Consumption	5W (最大值) 5W(Max)

环境特性 Environment Limits

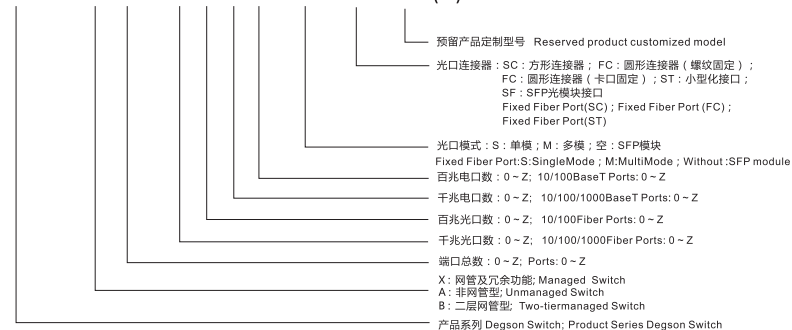
湿度 Ambient Relative Humidity	5% ~ 95% (无冷凝) 5 to 95% (non-condensing)
工作温度 Operating Temperature	-40°C~ 75°C
存储温度 Storage Temperature	-40°C~ 85°C

行业认证及测试 Standards and Certifications

产品安全 Safety	IEC/EN62368-1
FCC	FCC 47 CFR Part 15 Class A
EMC	EN55032 EN55035

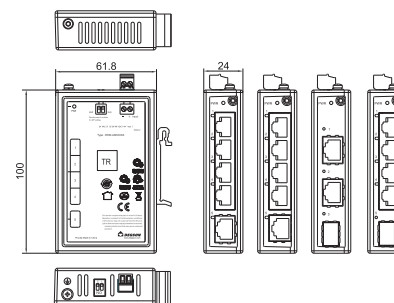
型号订购 Model Order

DSW - A 8 K - 0 0 0 - M - ST - 00A(H)

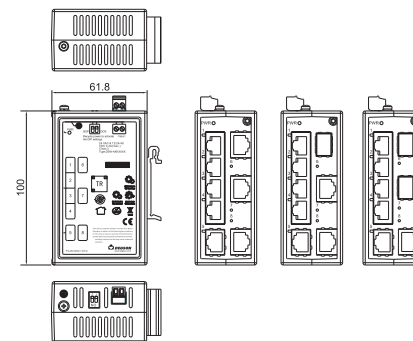


外形尺寸图 Overall Dimensions

DSW-A3K/A5K



DSW-A8K





DSW-A6K2040P



DSW-A10K2080P

特点

- 全千兆端口。
- 背板带宽为20Gbps。
- 支持PoE供电，支持IEEE 802.3af/at标准。
- 每个PoE端口最大输出功率30W。
- 支持PoE管理：PoE设备检测、PoE电源管理。
- 压铸铝合金外壳。
- 无风扇，-40°C到+75°C工作环境温度。
- MTBF≥400,000小时

Features

- Full Gigabit Ethernet ports
- 20Gbps backplane bandwidth
- Support IEEE 802.3af/at compliant PoE
- Each PoE port provides up to 30W output power
- PoE management: PoE device detection, PoE power management
- Dual redundant power inputs design for DC models
- IP40 Die-casting aluminum alloy housing
- Fanless, -40 to 75°C wide operating temperature range
- MTBF≥400,000 hours

技术指标 Specifications

型号 Type	DSW-A6K2040P	DSW-A10K2080P
端口 Ports	2光4电 2 BaseX SFP port, 4 BaseT ports	2光8电 2 BaseX SFP port, 8 BaseT ports
带宽 Bandwidth	1000M	1000M

交换性能 Switch Properties

交换技术 Processing Type	平行存储转发 Store-and-Forward
背板带宽 Backplane Bandwidth	20Gbps (最大值) 20Gbps (Max)
MAC 地址表 MAC Table Size	4K (最大值) 4K (Max)
交换速率 Exchange Rate	148,800 pps/百兆口 1000M ports ; 1,488,000 pps/千兆口 1000M ports

功率参数 Power Parameters

连接 Connection	1个可拆卸的5-PIN端子 1 removable 5-contact terminal block
输入电压 Input Voltage	DSW-A6K/A10K : 48-57VDC , 冗余双输入 Redundant dual inputs
过载电流保护 Overload Current Protection	支持 Supported
反极性保护 Reverse Polarity Protection	支持 Supported

物理特性 Physical Characteristics

安装方式 Installation	卡轨安装、表面安装 DIN-rail mounting, Wall mounting
外壳 Housing	压铸铝合金外壳 Die-casting aluminum alloy housing
防护等级 Protection level	IP30
产品尺寸 (W×H×D) Dimensions	52mmx140mmx110mm
重量 Weight	0.7 kg
MTBF	≥400,000H

环境特性 Environment Limits

湿度 Ambient Relative Humidity	5% ~ 95% (无冷凝) 5 to 95% (non-condensing)
运行温度 Operating Temperature	-40°C ~ 75°C
存储温度 Storage Temperature	-40°C ~ 85°C

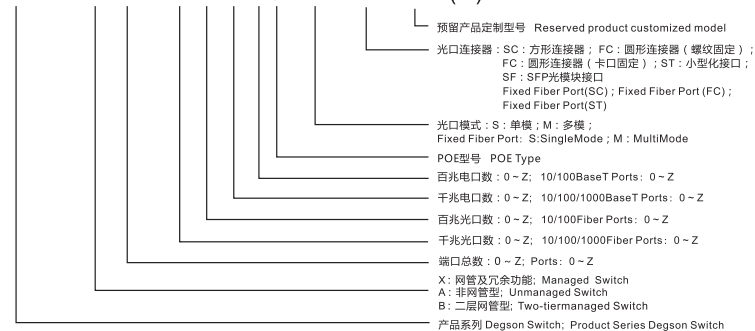
电磁特性 Electromagnetic Characteristics

电磁辐射 EMI	FCC 47 CFR Part 15 Class A EN55022 Class A
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行业认证及测试 Standards and Certifications

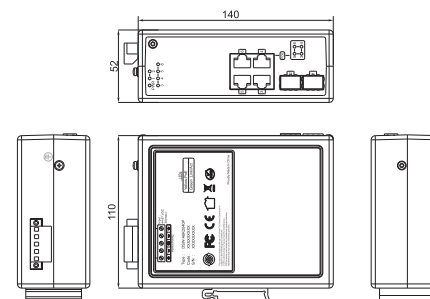
产品安全 Safety	FCC Part 15 Subpart B Class A	IEC/EN55022 Class A IEC60825-1
工业控制行业 Industrial Control Industry	UL/cUL61010	
电力行业 Power Industry	IEC61850-3 IEEE1613 (C37.90.x)	

DSW - A 8 K - 0 0 0 8 P - M - ST - 00A(H)



外形尺寸图 Overall Dimensions

DSW-A6K2040P



DSW-A10K2080P

