

KIEN1026

26 Port Layer 2 Unmanaged Rack Mountable Switches



- Supports max 2 fast Ethernet fiber ports and 24 fast Ethernet RJ45 ports
- Allow front and rear panel mounting
- IP40 protection class
- CE, FCC certification



» Overview

KIEN1026 is an entry-level unmanaged industrial Ethernet switch specially designed by KYLAND for industrial applications. It supports up to 24 10/100Base-T(X) and 2 100Base-FX ports, Aluminum IP40 protection class and -40 to 85°C operating temperature. Its high-performance switch engine, solid and closed case, and excellent EMC protection (level 4) make KIEN1026 applicable in all kinds of harsh and dangerous industrial environments.

» Product Specifications

Technical Specifications

Standard

- ▼ IEEE 802.3i(10Base-T)
- ▼ IEEE 802.3u(100Base-TX and 100Base-FX)

Switch Properties

MAC table	8K
Packet buffer	4Mbit
Packet forwarding rate	4.2Mpps
Switching delay	<10µs

Interface

Fast Ethernet ports

- ▼ 100Base-FX, single/multi mode, SC/ST/FC connector
- ▼ 10/100Base-T(X), RJ45 port

LED

LED on front panel

- ▼ Power LED: PWR1, PWR2
- ▼ Port LED: Link/ACT

- ▼ Port speed LED: Speed LED on rear panel
- ▼ Port LED: Link/ACT
- ▼ Port speed LED: Speed
- ▼ Fiber port LED:A, B

Power Requirements

Power input

- ▼ 24DC(18-36VDC),
- ▼ 220AC/DCW(85-264VAC/77-300VDC)

Power terminal

- ▼ 5-pin 5.08 mm-spacing plug-in terminal block

Power consumption	<15W
Overloadprotection	Support
Reverse connection protection	Support
Redundancy protection	Support

Physical Characteristics

Housing	Metal
Cooling	Natural cooling, fanless
Protection Class	IP40
Dimensions(WxHxD)	▼ 482.6mmx44mmx245mm (19x1.73x9.64 in.)
Weight	2.5Kg (5.51 pound)
Mounting	19 inch 1U rack mounting

Environmental Limits

Operating temperature	-40°C to +85°C (-40°F - 185°F)
Storage temperature	-40°C to +85°C (-40°F - 185°F)
Ambient Relative Humidity	5%-95% (non-condensing)

Quality Assurance

MTBF	341,336 hrs
Warranty	5 years

Approvals

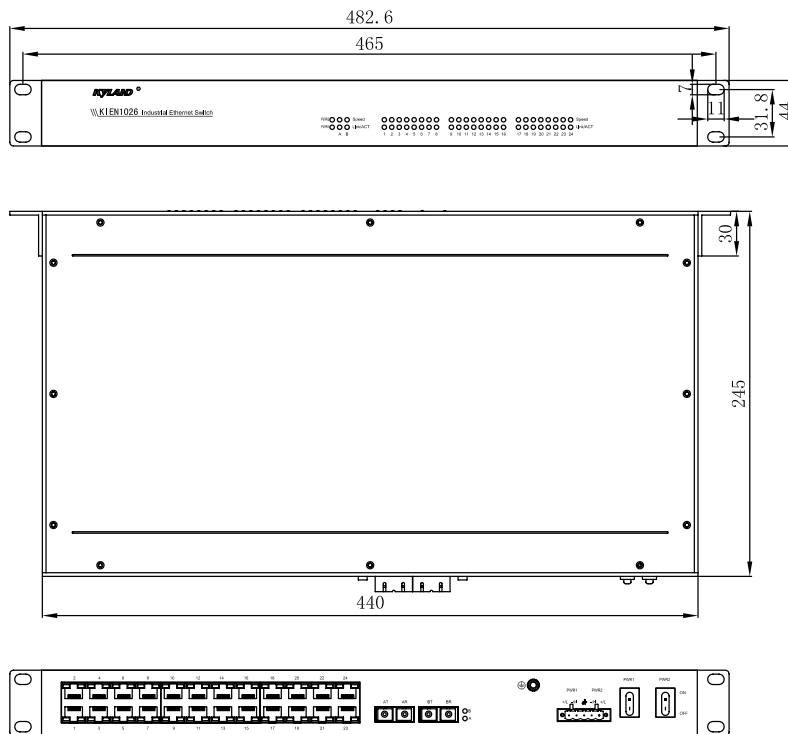
CE, FCC
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Industry Standard

- EMI
- ▼ FCC CFR47 Part 15, EN55022/CISPR22, Class A
- EMS
- ▼ IEC61000-4-2(ESD) ±6kV(contact), ±8kV(air)

- ▼ IEC61000-4-3(RS) 10V/m(80MHz-2GHz);3V/m(2-2.7GHz)
- ▼ IEC61000-4-4(EFT) Power Port:±2kV;Data Port:±2kV
- ▼ IEC61000-4-5(Surge)Power Port:±2kV/DM,±2kV/CM; Data Port:±2kV
- ▼ IEC61000-4-6(CS) 10V(150kHz-80MHz)
- Machinery
- ▼ IEC60068-2-6 (vibration),
- ▼ IEC60068-2-27 (shock),
- ▼ IEC60068-2-32 (free fall)

Mechanical Drawing



Ordering Information

KIEN1026-Ports-Connector-PS1-PS2

Ports

2S16T	2x100Base-FX single-mode fiber port;16x10/100Base-T(X) RJ45 port
2M16T	2x100Base-FX multi-mode fiber port;16x10/100Base-T(X) RJ45 port
2S24T	2x100Base-FX single-mode fiber port;24x10/100Base-T(X) RJ45 port
2M24T	2x100Base-FX multi-mode fiber port;24x10/100Base-T(X) RJ45 port
16T	16x10/100Base-T(X) RJ45 port
24T	24x10/100Base-T(X) RJ45 port

Connector

100M fiber port specifications

SC05	SC connector, multi-mode, 1310nm, 5km
ST05	ST connector, multi-mode, 1310nm, 5km
FC05	FC connector, multi-mode, 1310nm, 5km
SC40	SC connector, single-mode, 1310nm, 40km
ST40	ST connector, single-mode, 1310nm, 40km
FC40	FC connector, single-mode, 1310nm, 40km
SC60	SC connector, single-mode, 1310nm, 60km
SC80	SC connector, single-mode, 1550nm, 80km
None	No 100M fiber port

PS1

HV	220AC/DCW(85-264VAC/77-300VDC)
L3	24DC(18-36VDC)

PS2

HV	220AC/DCW(85-264VAC/77-300VDC)
L3	24DC(18-36VDC)
None	No secondary power supply

Accessories

Accessory Model

Description

DT-FCZ-RJ45-01	Single-port RJ45 dust plug
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