The background of the page is an abstract design featuring multiple overlapping, wavy bands of various shades of blue. These bands originate from a central point on the left and fan out towards the right, creating a sense of motion and depth. The colors range from light sky blue to deep, dark blue.

USER GUIDE

Managed PoE Switch

LK7000 Series

Product Overview

Product Description

This L2+ managed POE+ switch, LK7026GSM provides a reliable infrastructure for your business network. It delivers more intelligent features you need to improve the availability of your critical business applications, protects your sensitive information, and optimizes your network bandwidth to deliver information and applications more effectively. It provides the ideal combination of affordability and capabilities for entry level networking of industrial, small business or enterprise application which demands industrial, surveillance, IP Phone, IP Camera or Wireless applications, thus helps you create a more efficient workforce.

In short, it provides security, performance, quality of services, central managed and other network control capabilities. Optimized and customized design and affordable pricing, it best fit for SMB or entry-level enterprise solution. It passed the rigorously testing to deliver excellent performance. As a managed switching solution, it also provides the flexibility to manage and prioritizes suitable-bandwidth traffic such as voice. In addition, it has advance security and gives you tight control to safeguard the network from unauthorized users.

Feature

- ◆ 22-Port 10/100/1000Base-T + 2 Combo + 2 (100/1G) SFP
- ◆ L2+ features provide better manageability, security, QoS, and performance.
- ◆ Support L2+ Switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, POE+ management, IP Source Guard, ARP inspection, ACLs etc.
- ◆ Support spanning tree STP(802.1D) and RSTP(802.1W).
- ◆ Jumbo frames support up to 9.6K kilobytes.
- ◆ Support enhanced management through WEB, CLI, TELNET, SSH, SNMP.
- ◆ Support cable diagnosis
- ◆ IEEE 802.3af and 802.3at. Supports per port PoE configuration function
- ◆ G.8032, support <50ms industrial quick ring protection



Statement

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Packing List

Please kindly check the following items:

- 1 x PoE switch
- Power cable
- Mounting Kits
- 1 x User guide

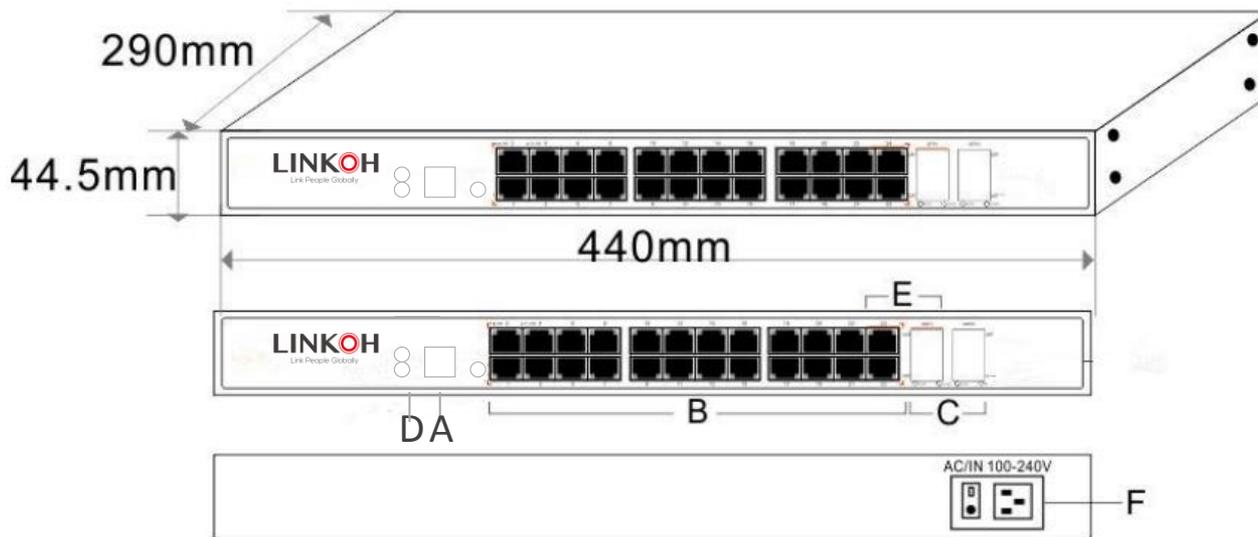


NOTE

If any shortage or damage found, please contact us in time.



Technical Structure and Port Description



- A. Console Port
- B. 24x 1000Mbps PoE ports
- C. 4x 1000Mbps SFP ports

- D. Working LED indicator
- E. 2x 1000Mbps TP/SFP combo Ports
- F. 100-240VAC, 50/60Hz



Panel Description

Indicator	Status	Description
System Indicator: SYS	Green LED ON	System work as normal
	Green LED Blink	System work as normal
	Green LED OFF	System abnormal or power off
PoE Indicator: PoE	Yellow LED ON	Connected PD device, powering properly
	Yellow LED Blink	Short circuit or current overload
	Yellow LED OFF	No connection PD or power off
Link Indicator: Link	Green LED ON	Data transmission properly
	Green LED Blink	Connection is OK and data is being sent and received
	Green LED OFF	No connected device
SFP uplink Indicator:	Green LED ON	Data transmission properly
	Green LED Blink	Connection is OK and data is being sent and received
	Green LED OFF	No data connected



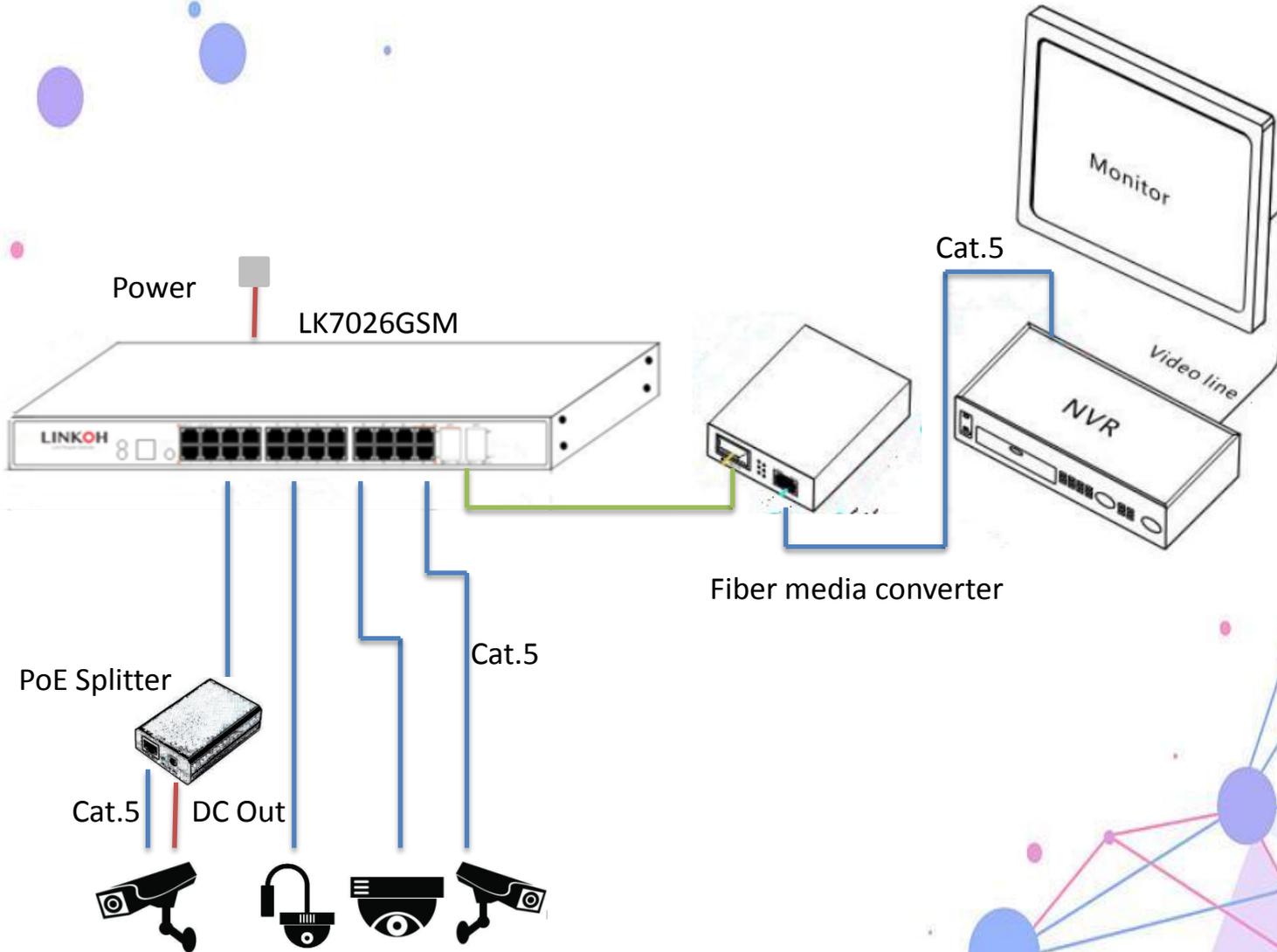
Note: please confirm that the all PoE ports of PD devices are complying with IEEE802.3af/at standard.

Power: 48 VDC(46~57VDC). (More than 50 VDC recommended when used PoE+ output.)

PoE Port: The PoE ports support PoE function, which can transmit data and power simultaneously if connected matching device. The LED lights on the front panel can show working status of each port.



Application Connection Diagram





Installation Guide

Installation (Please install to the supported devices)

Please confirm the following things before installation:

1. If the PoE port meets the power requirement of the connecting devices.
2. If the PoE standard requirement and power supply matches with the power receiving device (1/2+, 3/6-(End-span), 4/5+, 7/8-(Mid-span))
3. If the output power of the matched power adapter is compatible with the specification in the label of the PoE switch

Please install the PoE switch according to the following steps:

1. Put the PoE switch on the surface of a large and stable table, or professional installation rack mount
2. Connect Positive, Minus and earth terminals as indicators on the power adapter.
3. Connect the Network devices to the PoE switch port through network cable.



Note

1. Please don't put heavy products on the PoE switch, and please ensure good ventilation environment for the PoE switch.
2. Please cut off the power first before plugging the power adapter.

Power

Connect the power cable, plug it into power socket, turn on the power, then the switch will automatically initialize, and LED lights status will display as following:

1. Except the PoE port lights, all the other lights will go through the process of "on-off-on-off", which means the system restoration is successful.
2. Power LED remains lit.



Note

If initialization is inconsistent with the above, please check the power.



Models Description

Product Model: LK7026GSM

Product Description: 26-Port gigabit managed PoE switch, 22*10/100/1000M RJ45 Ports + 2*TP/SFP Combo Ports + 2*Gigabit SFP Ports, port 1-24 supports PoE, IEEE 802.3af/at standard, 30W per PoE port and can be customized by Web management software. Total input power is 400W.

- Order note:
1. Default PoE power supply type is end-span, mid-span optional
 2. SFP module is not included, need to order it separately