

DAYOU ELDORA2124

L2 Ethernet Switch



Overview

DAYOU NETWORKS ELDORA2124 Access Switch is developed so that it can be applied to various types of network. 24port 10/100Base-T ELDORA2124 the uplink options, depending on your environment, and apply the G-PON Ethernet environments, and can be applied to the environment.

Each of the uplink and be flexible enough to build a variety of network G-PON (ONU), 1000Base-X, 1000Base-T 100Base-Fx is a system that provides reliable and superior performance.



ELDORA2124

Network systems management

SNMP v1/v2, MIB II, RMON MIB, and applied to the remote network management can be more easily.

Improved performance

Non-blocking Switching fabric for high performance stable and 12.8Gbps switching capacity and up to speed packet processing 9.5Mpps support.

High-performance network

ELDORA2124 as a high-performance network services supported by the Switch's Ethernet-based data, video, and voice services for optimal network environment.

Key Features

L2 Features

- Port-based VLAN, IEEE 802.1q Tagged VLAN
- VLAN Trunk
- VLAN stacking (Q-in-Q). VLAN Translation
- 802.1p packet priority
- Spanning Tree Protocol(STP/RSTP/MSTP)
- 802.3ad Link Aggregation Control Protocol
- Static Trunk group
- Jumbo frame 9KB
- Self loop detection

Multicast

- IGMP v1/v2
- IGMP snooping
- IGMP static join
- IGMP Join Limit
- Multicast Packet Filtering

QoS

- Classification
L2 : SRC/DST MAC, Ether type, 802.1p priority, VLAN ID
L3 : SRC/DST IP, ToS, DSCP, IP Precedence
L4 : SRC/DST TCP/UDP port, ICMP
- Mark/remark/policing
- Queue scheduling (SPQ, WRR, DRR)
- 4 queues per port
- Congestion management (RED)
- Traffic policing and shaping
- Rate limiting

Security

- MAC flood Guard/Port Flood Guard
- MAC Filtering
- MAC limit
- Storm control (broadcast, multicast, DLF)
- CPU Protection (ACL, Rate Limit)
- DoS Protection
- NetBIOS, NetBEUI, NBT, CIFS, SSDP, WSDD filtering
- DHCP snooping, ARP Inspection
- Port isolation

Management

- CLI(serial / Telnet)
- Dual OS (active/backup) & Fail Over
- Remote OS upgrade (FTP/ TFTP)
- Multiple configuration files
- Remote configuration upgrade (FTP/TFTP)
- Port/Protocol mirroring
- SNMP v1/v2
- RMON history
- Syslog
- Telnet/SSH
- DHCP server, relay agent with option82
- AAA (Authentication, Authorization, and Accounting)
- NTP

DAYOU NETWORKS SWITCH SERIES

Specifications

Memory

- RAM 128Mbyte
- FLASH 128Mbyte

Performance

- 12.8Gbps Switching fabric, 9.5Mpps Throughput
- 16K MAC address, 4K 802.1Q VLAN
- 1K Multicast

Power

- Operating Power AC88V~264/ VAC47~63Hz Free Voltage
- Power Consumption 20Watts
- Operating Temperature -20°C ~60°C(-4 °F ~ 140 °F)
- Operating Humidity 10 ~ 90%(Non-condensing)

Dimensions

- Dimension(W/H/D) 440mm x 45mm x 240mm
- Weight 3.5Kg

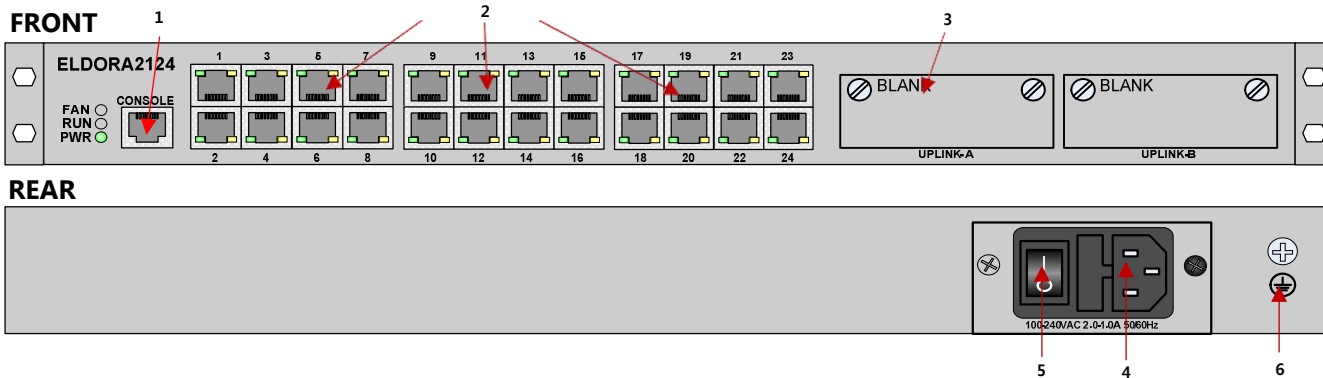
Warranty

- One-year(12month) return to factory parts

Interface

- Downlink 24 ports 10/100Base-Tx
- Uplink (option) 2 ports 10/100/1000Base-Tx, 1000Base-X, 100Base-Fx or G-PON
- Console RS-232C, RJ-45

Module	Type	Spec(Up link)	Part No.
	GPM	G-PON	
	GFM	1000Base-X	
	GEM	10/100/1000Base-Tx	



1. RJ45 port of Console
2. 10/100Base-T Ethernet Ports (1~24) ports
3. 10/100/1000Base-TX , 1000Base-Fx, GPON (UP LINK CARD)

4. Electrical Power Input : AC Power 110 VAC ~ 220VAC Free Voltage
5. Power Switch
6. Earth Terminal

Ordering Information

Option (Up link Module)

- **GPM:** G-PON
- **GFM:** 1000Base-X
- **GEM:** 10/100/1000Base-Tx

Contact Information

Website: <http://www.dayounetworks.co.kr>
 E-mail : sales@dayounetworks.co.kr

DAYOU NETWORKS

4F, 500-2, Sangdaewon-dong, Junwon-gu, Seognam-si,
 Gyeonggi-do, Korea (462-120)
 Tel : +82 -31 737-7125 / FAX: +82-31-737-7100