

Key Features & Benefits



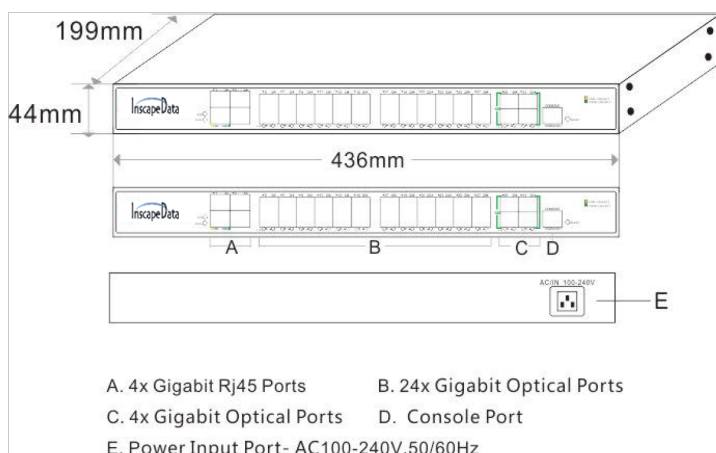
LinkPower™ OFS2444L2 32-Port L2+ Fiber Optic Switch

LinkPower™ OFS2444L2 32-Port Layer 2+ Gigabit SFP Fiber Optic Switch

Inscape Data's LinkPower™ OFS2444L2 is a 32-Port Layer 2+ Gigabit SFP Fiber Optic Switch with 24 100/1000M SFP fiber optic ports, 4 10/100/1000M RJ45 ports, and 4 Gb SFP uplink ports. OFS2444L2 offers L2+ full network management functions, supports dynamic or static binding by users' definition, such as IP, MAC, VLAN, PORT, etc. OFS2444L2 supports port isolation that prevents communication between two neighbor network equipment within the same broadcast domain and reduce network risk; OFS2444L2 supports powerful storm control function which can suppress broadcast, multi-cast, and uni-cast storm; Support specific ARP inspection which can effectively prevent "ARP spoofing attack" created by hackers or attackers via ARP packets. With the easy to use WEB interface (http and https protocol supported), the user can conveniently operate and configure all kinds of function in this switch. OFS2444L2 supports the management by CLI, Telnet, and Console port that is more popular among the professional network administrators.

- 24 Gigabit SFP Fiber Optic Ports, 4 Gigabit RJ45 Ports, 4 Gigabit Fiber Optic Uplink Ports
- L2+ high performance switch management system, including VLAN based on port, VLAN based on 802.1Q, STP, IGMP Snooping, RSTP, Broadcast Storm Restraint, Port Aggregation, Port mirroring, Port management, SNMP, RADIUS, and NTP etc.
- Compliant to Optical Standard: 100BASE-F, 1000BASE-SX
- Packet Buffer Memory: 32Mb
- MAC Address Table: 32K
- Support dynamic/ static binding for IP, MAC, VLAN, Port and other elements users' definition
- Support STP (802.1D) & RSTP (802.1w)

System Configurations



Applications

- Smart City
- IP Video Surveillance
- Campus Network
- Border Security Surveillance
- Municipal Network
- Energy & Refineries
- Hospitality Network
- Hotel Resort Network
- Hotspot Integration
- VOIP Service
- Traffic Monitoring

P Specifications

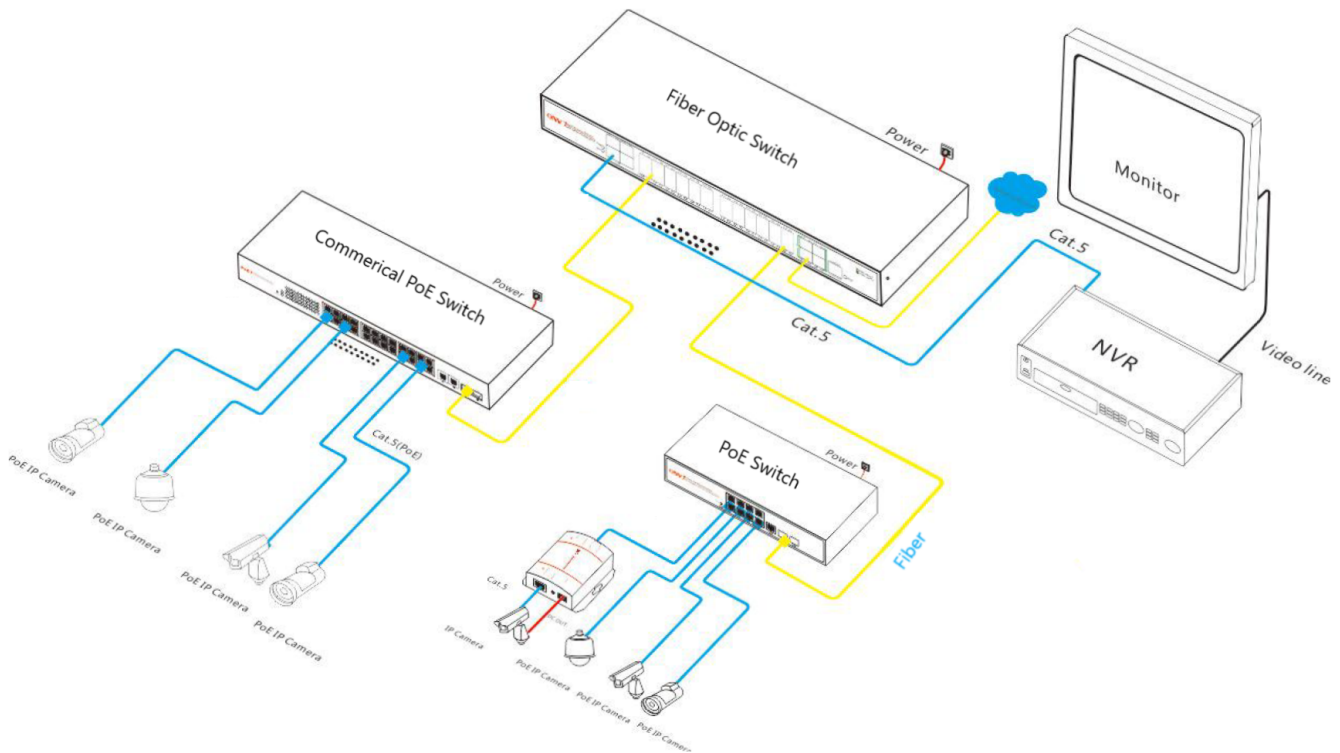
Model	OFS-2444L2
Fixed Port	24x Gigabit SFP Optical Ports
	4x Gigabit RJ45 Ports
	4x Gigabit Optical Ports
Management Port	1x Console Port
Other	1x Reset, Recover to factory configuration
Exchange Capacity	368G
Packet Forwarding Rate	Full speed filtration, 131Mpps
Working Temperature	-20~50°C
Input Voltage	AC: 110 ~ 240V/50 ~ 60Hz
Total Power Consumption	55W
LED	Power indicator: PWR (yellow),System indicator: SYS(yellow),Network indicator: Link/Act (yellow), Fiber port :L/A(green)
Reset switch	Support one key to restore factory settings
Power Supply	Built-in power supply : AC: 100 ~ 240V 50-60Hz 1A
Operation TEMP / Humidity	-20 ~ +55°C; 5% ~ 90% RH Non condensing
Storage TEMP / Humidity	-40 ~ +80°C; 5% ~ 95% RH Non condensing
Dimensio (L*W*H)	440*225*44mm (17.30x8.86x7.31 Inch)
Net /Gross Weight	< 2.2kg (4.8LB) / < 3.2kg (7.05LB)
Installation Method	Desktop tape. 19 inch 1U cabinet installation
Lightning protection / protection level	Port Lightning Protection 4KV 8/20us;
	Protection Level: IP30
Certification	3C, CE mark commercial,CE/LVD EN60950,FCC Part 15 Class B, RoHS
Warranty	3 years

Technical Specifications

Security Features	Hardware support port-based IP+MAC Binding;
	Hardware support port-based ARP inspection detection;
	SP (Strict Priority);
QOS	WFQ (Weighted Fair Queuing);
	WRR (Weighted Round Robin);
	Head Of Line;
	Best-Effort Service;
	First come first served;
	802.1p;
	Cos/Tos, QOS;
	Differentiated Service;
	Hardware support port-based IP+MAC Binding;
	Hardware support port-based ARP inspection detection;
Network Cable Line Sequence	Support Auto-MDIX, automatic Identification straight-through cable and crossover cable
Negotiation Mode	Support port auto-negotiation function (auto-negotiation transmission rate and duplex mode)

System Maintenance	Support configuration file uploda/download;
	Support update packet upload;
	Support WEB reset;
	Reset by pressing key;
Network Management	Support system log save/output;
	Support WEB management
Protocol Standard	Support CLI management
	IEEE 802.3,10BASE-T Ethernet
	IEEE 802.3u, fast Ethernet Standard
	IEEE 802.3ab, gigabit Ethernet Standard
MAC Table	IEEE 802.3z, gigabit Ethernet Fiber Standard;(AOC fiber cable)
	IEEE 802.3x, full-duplex Ethernet data link layer flow control
Packet Buffer Memory	32K ,support auto-upgrading
VLAN	32Mb
	VLAN (Max 4K)
	VLAN (Based on port)
Spanning Tree	VLAN (802.1Q)
	STP、RSTP、MSTP
Port Aggregation	Support aggregation for 4G port
Port Mirroring	Support multiple to single Port mirroring, no limit for quantity of mirroring source ports
Port Isolation	Support downstream ports isolated from each other, while opening communication with upstream ports
Port Flow Control	Support half-duplex back pressure based control
	Support full-duplex PAUSE frame based control
Port Speed Limit	Support port-based input/output bandwidth management
Storm Control	Prevents traffic on a LAN from being disrupted by a broadcast, multicast, or unicast storm on a port
	Support port storm threshold setting

Application



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Revision 1.0

Total PoE Solutions for Wired/Wireless, IP Video, & Smart City Applications

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