Data Manual

Model：VL1024K-P48-4S-10G-M3

Product Description

VL1024K-P48-4S-10G-M3 managed POE switch has 48 1000M adaptive RJ45 ports, 4 10-Gigabit SFP and 1 console port. Each rj45 port supports mdi/mdix automatic rollover and line-speed forwarding functions. Among them, 1-48 ports have the Poe power supply function, support the ieee 802.3af/at standard, can be used as the Ethernet power supply device, can automatically detect and identify the receiving device that meets the standard, and can be powered by the network cable, use storage and forwarding technology, combined with dynamic memory allocation, to ensure that the bandwidth is effectively allocated to each port.

This series of switches can flexibly expand the home and office networks, without power cord layout restrictions, and is easy to manage and maintain, meeting the networking and access requirements of enterprises, residences, hotels, offices and parks.

Product specifications

Product name	**48 GE 4 10G SFP L3 Managed PoE Switch**
Model	**VL1024K-P48-4S-10G-M3**
Fixed Port	48*10/100/1000Base-TX PoE 4*100/1000/2500/10000M SFP
PoE Port	1-48 port supports IEEE802.3af/at, max 30W/port, PoE out
PoE type	IEEE802.3af/at
Console Port	1*console port
Reset Key	1
PoE Pin	Af/at: 1/2+ 3/6-

PoE Bridge	max 600W
CPU	MIPS-34Kc dual-core 1GHz
DDR	4G DDR3
FLASH	512MBytes
RAM	512MBytes
Bandwidth	256Gbps
Packet Forwarding	160.71Mpps
MAC	32K
Buffer	16Mbit SRAM Packet Buffer 176G
Jumbo Frame	Jumbo frame up to 12KB
VLAN Address	4K
Link Aggregation	Supports 128 trunk groups with up to 8 members per group
L3 Routing	IPV4 supports 12K; IPV6 supports 12K;
QoS Queue	8
Transmission Distance	10BASE-T： Cat3,4,5 UTP(≤250 meter) 100BASE-TX： Cat5 or later UTP(150 meter) 1000BASE-TX： Cat6 or later UTP(150 meter) SFP: 100M/1G/10G single-mode multi-mode optical module, the maximum distance is ≤120km (depending on the optical module)
LED Indicator	PWR:Power LED SYS:System LED 1-48:10/100/1000M Network connection indicator 49-52:10G SFP connection indicator
Power	Built-in power AC：100-240Vac 50-60Hz 7.5A max 625W
Operating Temperature/Humidity	-10～+55°C；5%～90% RH Non coagulation
Storage Temperature/Humidity	-40～+75°C；5%～95% RH Non coagulation
Product /Packing size (L*W*H)	440*335*45mm 576*386*71mm
N.W/G.W（kg）	5.5kg/6.1kg
Lightning Protection level	6KV 8/20us；IP30
Installation	Rack-mount (optional machine hanger spare parts)
Certificate	CE FCC