

Switch	
Device Type:	Switch - 24 ports - Managed
Enclosure Type:	Desktop, rack-mountable 1U
Subtype:	Gigabit Ethernet
Ports:	24 x 10/100/1000 (8 PoE+) + 2 x Gigabit SFP + 2 x 10/100/1000
Power Over Ethernet (PoE):	PoE+
PoE Budget:	110 W
Performance:	Switching capacity: 216 Gbps Forwarding performance (64-byte packet size): 71.4 Mpps
Capacity:	Active VLANs: 1023
Jumbo Frame Support:	9216 bytes
Remote Management Protocol:	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, CLI
Authentication Method:	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features:	Full duplex capability, auto-negotiation, BOOTP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, DiffServ support, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, STP support, RSTP support, MSTP support, DHCP snooping, DTP support, PAGP support, TFTP support, ACL support, QoS, MLD snooping, DAI, Cisco EnergyWise technology, URPF, UDLD, Rapid PVST+, fanless, SRR, LLDP support, DHCP relay, LACP, MAC Address Notification, RSPAN, HSRP support, Energy Efficient Ethernet, MIB, MVR, SPQ, CoS, DSCP support
Compliant Standards:	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1ab (LLDP), IEEE 802.3at, IEEE 802.3az, IEEE 802.1AX
Processor:	: 600 MHz
RAM:	512 MB
Flash Memory:	128 MB
Status Indicators:	Port status, port transmission speed, port duplex mode, system, RPS (Redundant Power Supply), PoE, link/activity
Expansion / Connectivity	
Interfaces:	8 x 1000Base-T RJ-45 3 ports (PoE+) / 7 ports (PoE) - 30 W 16 x 1000Base-T RJ-45 2 x 1000Base-T RJ-45 uplink 2 x SFP uplink 1 x 100Base-TX RJ-45 management 1 x console RJ-45 2 x USB Type A 1 x mini-USB Type B management
Power	
Power Device:	Internal power supply
Power Redundancy:	Optional
Voltage Required:	AC 120/230 V (50/60 Hz)
Features:	Redundant Power System (RPS) connector
Miscellaneous	
MTBF:	462,680 hours
Compliant Standards:	CISPR 22 Class A, BSMI CNS 13438 Class A, CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, EN55022 Class A, AS/NZS 60950-1, ICES-003 Class A, RoHS, FCC CFR47 Part 15, UL 60950-1 Second Edition, CSA C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, VCCI Class A, KN24, KN22 Class A, RoHS 2011/65/EU, EN 300386
Software / System Requirements	
Software Included:	Cisco IOS LAN Base
Dimensions & Weight	
Width:	44.5 cm
Depth:	28 cm
Height:	4.45 cm
Weight:	5.8 kg
Environmental Parameters	
Min Operating Temperature:	-5 °C
Max Operating Temperature:	45 °C
Humidity Range Operating:	10 - 95% (non-condensing)
Min Storage Temperature:	-25 °C
Max Storage Temperature:	70 °C