

Overview

Cisco One Catalyst 3850 24 Port UPoE

Specification

C1-WS3850-24U/K9 Specification	
General	
Device Type	Switch - 24 ports - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 (UPOE)
Power Over Ethernet (PoE)	UPOE
PoE Budget	800 W
Performance	Switching capacity: 92 Gbps Stacking bandwidth: 480 Gbps
Capacity	IPv4 routes: 24000 NetFlow entries: 24000 Switched virtual interfaces (SVIs): 1000
MAC Address Table Size	32000 entries
Jumbo Frame Support	9198 bytes
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, Telnet, SNMP 3, SNMP 2c, SSH, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	Auto-negotiation, ARP support, trunking, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, IPv6 support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, Virtual Route Forwarding-Lite (VRF-Lite), MLD snooping, Dynamic ARP Inspection (DAI), STP Root Guard, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), IPv4 support, Shaped Round Robin (SRR), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), layer 3 load balancing, Energy Efficient Ethernet, universal power over Ethernet (UPOE), Cisco StackWise-480 technology, Cisco StackPower technology, Flexible NetFlow (FNF)
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 802.1s, IEEE 802.3at
RAM	4 GB
Flash Memory	2 GB
Status Indicators	Port transmission speed, port duplex mode, system, status, PoE

C1-WS3850-24U/K9 Specification	
Interfaces	24 x 1000Base-T RJ-45 UPOE - 60 W 1 x USB Type A 1 x management (mini-USB) Type B 1 x serial (RS-232) RJ-45 management 1 x management (Gigabit LAN) RJ-45 2 x network stack device
Expansion Slots	1 (total) / 1 (free) x Stacking Module slot
Expansion / Connectivity	
Power Device	Internal power supply
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Power Provided	1100 Watt
Voltage Required	AC 120/230 V (50/60 Hz)
Power	
MTBF	237,310 hours
Compliant Standards	CISPR 22 Class A, GOST, CISPR 24, EN 61000-3-2, NOM, EN 61000-3-3, EN55024, EN55022 Class A, ICES-003 Class A, RoHS, UL 60950-1 Second Edition, KCC, FCC Part 15 A, ISO 7779, CSA C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, VCCI Class A, KN24, CNS 13438(95) Class A, KN22 Class A
Miscellaneous	
Width	17.5 in
Depth	17.7 in
Height	1.8 in
Weight	16.53 lbs

