

C1-WS3650-48FS/K9 Datasheet

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Overview

Cisco One Catalyst 3650 48 Port Full PoE 4x1G Uplink

Specification

C1-WS3650-48FS/K9 Specification	
General	
Device Type	Switch - 48 ports - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	775 W
Performance	Switching capacity: 176 Gbps Forwarding performance: 130.95 Mpps
Capacity	IPv4 routes: 24000 NetFlow entries: 48000 Virtual interfaces (VLANs): 4094 Switched virtual interfaces (SVIs): 1000
MAC Address Table Size	32000 entries
Jumbo Frame Support	9198 bytes
Routing Protocol	Static IP routing
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, SSH, CLI
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Features	ARP support, trunking, VLAN support, IGMP snooping, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Port Aggregation Protocol (PAgP) support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, MLD snooping, Dynamic ARP Inspection (DAI), EIGRP Stub Routing, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), Energy Efficient Ethernet, 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 802.1ab (LLDP), IEEE 802.3at
RAM	4 GB
Flash Memory	2 GB
Status Indicators	Port transmission speed, port duplex mode, system, active, status, PoE

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Expansion / Connectivity	
Interfaces	48 x 1000Base-T RJ-45 PoE+ - 30 W 1 x USB Type A 1 x serial (console) RJ-45 management 1 x management (Gigabit LAN) RJ-45 management 1 x management (mini-USB) Type B management 4 x 1000Base-X SFP uplink
Expansion Slots	1 (total) / 1 (free) x Stacking Module slot
Power	
Power Device	Internal power supply - hot-plug
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	1 + 1 (with optional power supply)
Power Provided	1025 Watt
Voltage Required	AC 120/230 V (50/60 Hz)
Miscellaneous	
Rack Mounting Kit	Included
MTBF	383,760 hours
Compliant Standards	CISPR 22 Class A, GOST, BSMI CNS 13438 Class A, 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, KN22 Class A
Software / System Requirements	
Software Included	Cisco IOS Universal
Dimensions & Weight	
Width	17.5 in
Depth	19.1 in
Height	1.7 in
Weight	17.2 lbs
Manufacturer Warranty	
Service & Support	Limited warranty - replacement - lifetime - response time: next business day Technical support - phone consulting - 90 days
Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	113 °F

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Humidity Range Operating	5 - 96 % (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F

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