

## C1-WS3650-24XPD/K9 Datasheet

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### Overview

Cisco ONE Catalyst 3650 24 Port mGig, 2x10G Uplink, LAN Base

### Specification

#### C1-WS3650-24XPD/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 (PoE+) + 2 x 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE+
PoE Budget	390 W
Performance	Switching capacity: 88 Gbps   Forwarding performance: 68.45 Mpps
Capacity	IPv4 routes: 24000   NetFlow entries: 24000   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	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	Full duplex capability, layer 2 switching, DHCP support, auto-negotiation, ARP support, trunking, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, IPv6 support, Spanning Tree Protocol (STP) 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, MLD snooping, Dynamic ARP Inspection (DAI), Unicast Reverse Path Forwarding (URPF), Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Shaped Round Robin (SRR), LLDP support, Link Aggregation Control Protocol (LACP), MAC Address Notification, Remote Switch Port Analyzer (RSPAN), Hot Standby Router Protocol (HSRP) support, Energy Efficient Ethernet, Strict Priority Queuing (SPQ), Class of Service (CoS), Flexible NetFlow (FNF), DiffServ Code Point (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 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3at
RAM	4 GB
Flash Memory	2 GB

## C1-WS3650-24XPD/K9 Specification

Status Indicators	Port transmission speed, port duplex mode, system, active, status, PoE
Expansion / Connectivity	
Interfaces	24 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   2 x 10GBase-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	640 Watt
Voltage Required	AC 120/230 V (50/60 Hz)
Miscellaneous	
Rack Mounting Kit	Included
MTBF	528,280 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 LAN Base
Dimensions & Weight	
Width	17.5 in
Depth	17.6 in
Height	1.7 in
Weight	16.01 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

## C1-WS3650-24XPD/K9 Specification

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

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