

## CD-NTX-WS-12-250-AC - Switch 12xGE PoE ports 2xSFP

Manufactured and Assembled	North America
Standard 19" rack mount / Desktop / Wall mount	YES
Dimensions	223mm x 181mm x 44mm
Weight	2 kg
Power Input	210-230 & 110-120 VAC
Chassis Earth Ground Lug	YES
Max. Power Consumption	250 Watts
Intelligent Forced Air Cooling With Fan RPM Monitoring	YES
Switch Core and PHYs	Vitesse
Processor	MIPS 24K 416 MHz
System Memory	128 MB
Flash Storage	16 MB
Total Non-Blocking Line Rate	14 Gbps
Certifications	CE, FCC, IC
Operating Temperature	-25 to 55°C (-13 to 131° F)
Operating Humidity	5 to 95% Non-Condensing
Console Port	RS-232
Ethernet Ports	(12) 10/100/1000 Ethernet Ports (2) SFP Ports
Passive PoE Configured Per Port via UI	24V 1A pins 4,5(+) 7,8(-) 48V 1A pins 4,5(+) 7,8(-) 24VH 2A pins 1,2,4,5(+) 3,6,7,8(-) 48VH 2A pins 1,2,4,5(+) 3,6,7,8(-)
PoE Out Voltage Range	48-50 VDC / 22-24 VDC
Passive PoE Current Sensors Per Port	YES
ESD Rating	24 kV Air / 24 kV Contact

24V PoE Ports	48V PoE Ports	24VH PoE Ports	48VH PoE Ports
Pins 4,5 (+)	Pins 4,5 (+)	Pins 1,2,4,5 (+)	Pins 1,2,4,5 (+)
Pins 7,8 (-)	Pins 7,8 (-)	Pins 3,6,7,8 (-)	Pins 3,6,7,8 (-)
1A	1A	2A	2A
Ports 01-12	Ports 01-12	Ports 01-04	Ports 01-04



## Introduction

The Netonix® WISP Switch™ product line was designed specifically for the WISP industry with a rugged chassis and extended operating temperature range. It features a simple yet powerful user interface providing the software features WISPs need in a switch.

## Software Features

- LAG – Port aggregation LACP/Static
- STP / RSTP / MSTP (MSTP available with firmware v2.0)
- Port mirroring and remote monitoring via Wire Shark with CPSP
- VLAN dot1Q/QinQ/Port Trunking
- SNMP - complete statistical reporting
- SMTP alerts - configurable
- Bandwidth limiting per port
- Ping watch dog per port
- Scheduled port bouncing
- Cable Diagnostics
- Loop Protection
- DHCP Snooping
- IGMP Snooping
- Flow Control - with back pressure
- Storm Control
- Multicast Filtering
- Port Isolation
- Auto TFTP Backup on Config Change
- UDP - Ubiquiti Discovery Protocol
- CDP - Cisco Discovery Protocol
- Security - access control list and login tarpit

