



CIS-NW-PoE8

Designed by Integrators for Integrators

Large homes or commercial applications, the CIS-NW-PoE8 router was built just for you! Created specifically with system integrators in mind, the feature set of the CIS-NW-PoE8 router is designed to minimize the amount of time spent configuring the network during your installs.



Power Your Devices

The CIS-NW-PoE8 provides PoE output on all Ethernet ports. With the optional 48V adapter, use it to power your cameras, touch panels, access points and more.

The CIS Wi-Fi Manager

Manage all your connected access points from a single intuitive interface. Easily view the connected devices and change passwords and SSIDs globally from your CIS router!

Business Class VPN

The CIS-NW-PoE8 supports multiple VPN options. With support for WireGuard, VPN access on your client's phones can be as simple as downloading the WireGuard app and scanning a QR code. The L2TP VPN is a great option for Windows and MacOS devices.

Limitless Configurations

Powered by an ever-evolving operating system, CIS routers give you the flexibility you need for a variety of installations. Add a hotspot for a commercial space, implement a failover for redundant ISPs, or configure QoS for VoIP and other applications. Make use of advanced features such as dynamic routing protocols, MPLS, load balancing and more.



www.cisnetworks.com
info@cisnetworks.com
1-888-976-3651

Specifications

Product code	CIS-NW-PoE8
Architecture	ARM 64bit
CPU	88F7040
CPU core count	4
CPU nominal frequency	350-1400 MHz
MTBF	Approximately 200,000 hours at 25C
Size of RAM	1 GB
Storage size	1 GB
Storage type	NAND
Tested ambient temperature	-40 to 60C
UPC Code	711347442773

Powering

Max Power consumption	20W with attached devices, 14W without
PoE in	802.3af/at
Input voltage	24-57 V
Number of DC inputs	3 (DC jack, PoE-IN, 2-pin terminal)
Cooling Type	Passive

Ethernet & Fiber Ports

10/100/1000 Ethernet ports	7
2.5G Ethernet ports	1
SFP+ Ports	1

PoE Out

PoE-out ports	Ether1-Ether8
PoE out	802.3af/at
Max out per port output (input 18-30 V)	640 mA
Max out per port output (input 30-57 V)	420 mA
Max total out (A)	2.59 A

CIS-NW-POE8		88F7040 all port test					
Mode	Configuration	1518 byte		512 byte		64 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	811.2	9851.4	2332	9551.9	5768.4	3138
Bridging	25 bridge filter rules	811.2	9851.4	1238.3	5072.2	1235.6	672.2
Routing	none (fast path)	811.2	9851.4	2332	9551.9	4969.4	2703.3
Routing	25 simple queues	811.2	9851.4	1126	4612	1095	595.7
Routing	25 ip filter rules	771.2	9365.6	755.9	3096.2	761	414