

CIS-NW-PoE8

Designed by Integrators for Integrators.

Designed with system integrators in mind, the CIS-NW-PoE8 router offers a feature set tailored to streamline network configuration, reducing setup time and enhancing efficiency during installations.



Power your devices

The CIS-NW-PoE8 provides PoE output on all the Ethernet ports. With the optional 48V adapter, Power your Cameras, Touch Panels, Access Points and many more such kinds of devices.

The CIS Wi-Fi Manager

Manage all your connected access points from a single intuitive interface. Easily view the connected devices, change Passwords and SSIDs globally from your CIS router. The CIS-NW-PoE8 offers unlimited capacity to manage and control Access Points, ensuring scalability and flexibility for network expansion.

Business Class VPN

Gain secure, remote access to your automation systems, surveillance, and other connected devices through an encrypted tunnel. Seamlessly manage and configure your clients' systems from the comfort of your home or office, ensuring convenience and security.

Limitless Configurations

CIS router, CIS-NW-PoE8, driven by a continuously evolving operating system, provides unmatched flexibility to support diverse installation needs. Whether adding a hotspot for a commercial space, implementing failover for redundant ISPs, or configuring QoS for VoIP and other critical applications, CIS routers deliver robust solutions. Take advantage of advanced capabilities, including dynamic routing protocols, MPLS, load balancing, and more, to optimize network performance and reliability.

Superior Software and Support

Backed by extensive testing and research, the CIS-NW-PoE8 delivers an impressive array of features, making it a highly compelling choice. Our dedicated in-house support team is available to assist with setup and configuration, ensuring a seamless deployment experience.

Specifications

Product Code	CIS-NW-PoE8
Architecture	ARM 64bit
CPU	88F7040
CPU Core Count	4
CPU Nominal Frequency	350-1400 (auto) MHz
Dimensions	443 x 305 x 44 mm
Size of RAM	1 GB
Storage Size	1 GB
Storage type	NAND
Tested ambient temperature	-40°C to 60°C
UPC Code	711347442773

Powering

Max Power consumption	20W with attached devices, 14W without
PoE Out	802.3af/at
Number of DC inputs	3 (DC jack, PoE-IN, 2-pin terminal)
DC jack input Voltage	24-57 V
PoE in	802.3af/at (ether1)

Ethernet & Fiber Port

10/100/1000 Ethernet ports	7
Number of 2.5G Ethernet ports with Reverse PoE (PoE-in)	1
SFP+ Port	1

Peripherals

PoE-out ports	Ether1-Ether8
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

Ethernet Test Results

Mode	Configuration	1518 Byte		512 Byte		64 Byte	
		Kbps	Mbps	Kbps	Mbps	Kbps	Mbps
Bridging	none (fast path)	811.2	9851.4	2332	9551.9	5768.4	3138
Bridging	25 bridge filter rules	811.2	9851.4	1283.3	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

1. All tests are done with Xena Networks specialized test equipment (XenaBay), and done according to RFC2544 (Xena2544)
2. Max throughput is determined with 30+ second attempts with 0,1% packet loss tolerance in 64, 512, 1518 byte packet sizes
3. Test results show device maximum performance, and are reached using mentioned hardware and software configuration, different configurations most likely will result in lower results