CIS-SW-POE4

Designed by integrators for integrators.

Large homes or commercial applications, the CIS Switch with PoE was built just for you!

Power over Ethernet

The powerful CIS-SW-POE4 Managed Switch that comes with 4 PoE and a SFP Cage is the perfect companion to your CIS Router. With the same power behind our CIS Router NW-POE4. You can know this little powerhouse of a switch can handle your additional PoE networking needs.

- The powerful CIS-SW-POE Switch comes complete with a 24V 2.7 Amp power supply, or an optional 48V 2 AMP power supply. This provides power to the 4 POE ports. Yes this is a POE switch. Fibre out and rack ears put this small but powerful device in a class of its own!

- Need more ports? The CIS QuickConnect allows you to bolt on a CIS Router into the same 1U space!

- This switch come pre-configured for optimal use in home automation application and integrates easily into existing and new CIS-powered installations.

- The CIS-SW-POE4 Managed Switch can power 802.3af/at devices . This unit provides max current 450mA for each port regardless device power class (doesn't support PoE powered device classification).

- Fully Managed, means this Layer 3 switch provides support for VLAN's, bandwidth limitations, and more.

- Powered by an 800 MHz CPU, has 128MB RAM, 4 POE Gigabit LAN ports, and SFP cage. Come directly from the SFP cage directly to your network switches for optimal connectivity.

Included Accessories
- 24Volt 2.7A power adaptor

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CIS
Custom Integration Solutions

CIS-SW-POE4

Specifications

Product code	CIS-SW-POE
Architecture	MIPSBE
CPU	QCA9557
CPU core count	1
CPU nominal frequency	800 MHz
Dimensions	7" X 6" X 1.75"
Size of RAM	128 MB
Storage size	16 MB
Storage type	FLASH
Tested ambient temperature	-40 + 70 C
UPC Code	711347442643

Powering

PoE in	Passive PoE
PoE out	802.3af/at
PoE in input Voltage	12-57 V
Number of DC inputs	2 (DC jack, PoE-IN)
DC jack input Voltage	12-57 V
Max Power consumption	9W

Ethernet

10/100/1000 Ethernet ports	5

Fiber

SFP ports	1

Peripherals

Number of USB ports	1
USB Power Reset	Yes
USB slot type	USB type A
USB slot type	USB type A

Ethernet test results

CIS-SW-POE		QCA9557 (800Mhz) 1G all port test					
		1518 byte		512 byte		64 byte	
Mode	Configuration	kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	161.9	1966.1	401.5	1644.5	542.3	277.7
Bridging	25 bridge filter rules	143.2	1739	145.5	596	146.2	74.9
Routing	none (fast path)	161.9	1966.1	396.3	1623.2	521.7	267.1
Routing	25 simple queues	161.9	1966.1	889.7	889.7	216	110.6
Routing	25 ip filter rules	74.6	905.9	319.55	319.5	76.5	39.2

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. Values in Italic indicate that max throughput was reached without maxing out CPU, but because board interface configuration was maxed out
4. Test results show device maximum performance, and are reached using mentioned hardware and software configuration, different configurations most likely will result in lower results