

Designed by Integrators for Integrators

Large homes or commercial applications, the CIS-SW-POE4 switch was built just for you! With the same processor behind our CIS-NW-POE4 router, you can be assured this little powerhouse of a switch can handle your additional networking needs.



PoE Built-in

Power your access points, switches, IP cameras, and other devices without the need for additional PoE injectors or other solutions. If you need more power for your devices, an optional 48v power supply can expand the PoE capabilities of your switch.

Layer 3 Switching

The CIS-SW-POE4 is fully managed via the web interface. Configure your VLANs, PoE, limit bandwidth, and more.

Designed for Home Automation Racks

The CIS-SW-POE4 is housed in a robust, rack-mountable enclosure. It pairs perfectly with the CIS-NW-POE4 router. With the CIS QuickConnect, you can bolt on a CIS-NW-POE4 into the same 1U space! Use the SFP port and create a fiber link between the two devices.

Simple Integration

The CIS-SW-POE4 is pre-configured for optimal use in home automation applications and integrates easily into existing and new CIS-powered installations.

Solid Performance

Powered by an 800 MHz CPU with 128MB of RAM, the CIS-SW-POE4 provides the performance you need. 5 Gigabit Ethernet ports provide connectivity to your devices, and the SFP port provides a link to your CIS routers and switches.

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
Input Voltage	12-57 V
Number of DC inputs	2 (DC jack, PoE-IN)
Max Power consumption	9W

Ethernet

10/100/1000 Ethernet ports	5
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Fiber

SFP ports	1
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Peripherals

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

Ethernet test results

CIS-SW-POE		QCA9557 (800Mhz) 1G all port test					
Mode	Configuration	1518 byte		512 byte		64 byte	
		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