

Designed by integrators for integrators

Large homes or commercial applications, the CIS-CCR1009 router was built just for you! Created specifically with home automation integrators in mind, the feature set of the CIS-CCR1009 router is designed to minimize the amount of time spent configuring the network during your installs.



High Performance

With a 9 core x 1.2 GHz CPU and 2 GB of RAM, the CIS-CIS-CCR1009 is the most powerful and capable router in our lineup. The 7 Gigabit Ethernet ports are connected directly to the CPU, overcoming the bandwidth limitations of routers that utilize a switch chip. An SFP+ port provides 10 Gigabit connectivity to your switches. A 1 Gigabit combo port accepts either SFP or Gigabit Ethernet connections.

Maximum Uptime

Equipped with dual-redundant power supplies, connect one to a separate circuit or UPS to keep your network up and running.

The CIS Wi-Fi Manager

Manage all of your connected access points from a single intuitive interface. Easily view the connected devices, and change passwords and SSIDs globally from your CIS router! There is no limit to the number of access points the CIS-CCR1009 can manage and control.

Business Class VPN

Gain access to your automation systems, surveillance and other devices through a secure tunnel. Access and configure your client's systems from your home or office.

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.

Specifications

Product code	CIS-CCR1009
Architecture	TILE
CPU	TLR4-00980
CPU core count	9
CPU nominal frequency	1.2 GHz
Dimensions	444x175x47mm
Size of RAM	2 GB
Storage size	128 MB
Storage type	NAND
Tested ambient temperature	-20° C to 60° C
UPC Code	711347442674

Powering

PoE in	Passive PoE
PoE out	802.3af/at
PoE in input Voltage	15V-57V
Number of DC inputs	2 (DC jack, PoE-IN)
DC jack input Voltage	100-240V
Max Power consumption	39W

Ethernet

10/100/1000 Ethernet ports	7
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Fiber

SFP ports	1
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Peripherals

Number of USB ports	1 - USB type AB
USB Power Reset	Yes

Ethernet test results

CIS-CCR1009		TLR4-00980 (1.2GHz) all port test (Combo and SFP+)					
Mode	Configuration	1518 byte		512 byte		64 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	1,300.4	15,792.1	3,759.4	15,398.5	17,782.8	9,104.8
Bridging	25 bridge filter rules	1,244.4	15,112.0	1,395.3	5,715.1	1,368.1	700.5
Routing	none (fast path)	1,300.4	15,792.1	3,759.4	15,398.5	17,411.2	8,914.5
Routing	25 simple queues	1,300.4	15,792.1	1,925.6	8,195.4	1,977.0	1,328.5
Routing	25 ip filter rules	739.2	8,976.8	793.9	3,378.8	801.8	538.8

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