CIS-CRS354-48P

Designed by Integrators for Integrators

Large homes or commercial applications, the CIS-CRS354-48P handles all of your switching needs!

PoE on Every Port

Power your access points, switches, IP cameras, and other devices without the need for additional PoE injectors or other solutions. The 48 Gigabit Ethernet ports support 802.3af/at with autosensing as well as low voltage and passive PoE. The internal power supply provides up to 30W per port (at 53V).

Layer 3 Switching

The CIS-CRS354-48P fully supports Layer 3 networking, supporting more complex and customizable network configurations.

High Speed Connectivity

In addition to the 48 Gigabit ethernet ports, the CIS-CRS354-48P is equipped with four SFP+ ports. Create 10 Gigabit links between your CIS router and switches. 2 x QSFP+ ports can create 40 gigabit links between compatible devices.

Simple Integration

The CIS-CRS354-48P comes pre-configured for optimal use in home automation applications and integrates easily into existing and new CIS-powered installations.

Superior Software and Support

All of these features combined, backed by extensive testing and research by CIS make the CIS-CRS354-48P an extremely attractive offering. Our in-house support team is here to help you with setup and configuration.

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Specifications

Product code	CIS-CRS354-48P
Architecture	MIPSBE
CPU	QCA9531
CPU core count	1
CPU nominal frequency	650 MHz
Dimensions	443 x 382 x 44 mm
Size of RAM	64 MB
Storage size	16 MB
Storage type	FLASH
Tested ambient temperature	-20 to +60C
UPC Code	
Powering	
Max Power consumption	85W (Max without attachments), 800W (Max)
PoE out	802.3af/at
Number of AC inputs	1
AC input range	100-240 V
Ethernet	
10/100/1000 Ethernet ports	48
Fiber	
SFP+ cages	4
QSFP+ Cages	2
Peripherals	
Serial port	RJ45
Other	
CPU temperature monitor	Yes
PCB temperature monitor	Yes

Switching results

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Mode	Configuration	64 byte		512 byte		1518 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Switching	Non blocking Layer 2 throughput	13,662.2	165,914.0	39,497.2	161,780.5	250,148.8	128,076.2
Switching	Non blocking Layer 2 capacity	13,662.2	331,828.1	39,497.2	323,560.9	250,148.8	256,152.4
Switching	Non blocking Layer 1 throughput	13,662.2	168,100.0	39,497.2	168,100.0	250,148.8	168,100.0
Switching	Non blocking Layer 1 capacity	13,662.2	336,200.0	39,497.2	336,200.0	250,148.8	336,200.0

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

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