

Designed by Integrators for Integrators

Large homes or commercial applications, the CIS-CRS328-24P 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 24 Gigabit Ethernet ports can provide Passive PoE, low voltage PoE, and support 802.3af/at with autosensing. The internal power supply provides up to 30W per port with up to 450W available to your devices.

Layer 3 Switching

The CIS-CRS328-24P fully supports Layer 3 networking, supporting more complex and customizable network configurations.

High Performance

Powered by an 800 MHz ARM CPU and equipped with 512MB of RAM, the CIS-CRS328-24P can reach a Non-Blocking throughput of 64 Gbps and has a switching capacity of 128 Gbps.

High Speed Connectivity

In addition to the 24 Gigabit ethernet ports, the CIS-CRS328-24P is equipped with four SFP+ ports. Create 10 Gigabit links between your CIS router and switches.

Easy Integration

The CIS-CRS328-24P 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-CRS328-24P an extremely attractive offering. Our in-house support team is here to help you with setup and configuration.

Specifications

Product code	CIS-CRS328-24P
Architecture	ARM 32bit
CPU	98DX3236
CPU core count	1
CPU nominal frequency	800 MHz
Dimensions	443 x 305 x 44 mm
Size of RAM	512 MB
Storage size	16 MB
Storage type	FLASH
Tested ambient temperature	-20 to +60C
UPC Code	711347442711

Powering

Max Power consumption	44W (device), 450W (3x PoE 150W/8 ports)
PoE out	802.3af/at
Number of AC inputs	1
AC input range	100-240 V

Ethernet

10/100/1000 Ethernet ports	24
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Fiber

SFP+ cages	4
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Peripherals

Serial port	RJ45
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Other

CPU temperature monitor	Yes
PCB temperature monitor	Yes

Switching results

CIS-CRS328-24P

Mode	Configuration	64		512 byte		1518	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Switching	Non blocking Layer 2 throughput	95,238.1	48,761.9	15,037.6	61,594.0	5,201.6	63,167.8
Switching	Non blocking Layer 2 capacity	95,238.1	97,523.8	15,037.6	123,188.0	5,201.6	126,335.5
Switching	Non blocking Layer 1 throughput	95,238.1	64,000.0	15,037.6	64,000.0	5,201.6	64,000.0
Switching	Non blocking Layer 1 capacity	95,238.1	128,000.0	15,037.6	128,000.0	5,201.6	128,000.0

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