CIS-CRS328-24P

Designed by integrators for integrators.

Ideal for large homes or commercial applications, the CIS-CRS328-24P handles all of your switching needs!

Beyond Layer 2

Unlike many other switches on the market, the CIS-CRS328-24P fully supports Layer 3 networking. Supporting more complex and customizable network configurations, while maintaining the flexibility and throughput afforded by the large number of Gigabit PoE and SFP+ ports.

Superior specifications, software, and support, the CISCRS328-24P is the Gigabit 24 Port PoE switch you've been waiting for.

The CIS-CRS328-24P is a 28 independent port switch, with 24 Gigabit Ethernet ports that provide a number of power output options: Passive PoE, low voltage PoE, 802.3af/at with autosensing. 4 SFP+ cages providing up to 10Gbps over either optical fiber or ethernet modules (not included).

The CIS-CRS328-24P comes pre-configured for optimal use in home automation applications and integrates easily into existing and new CIS-powered installations.

The powerful CIS-CRS328-24P switch comes with an internal 500W power supply, providing power to the 24 POE ports for up to 30W per port to a maximum of 450W total. The 4 SFP+ ports allow for numerous connectivity options, including fast, reliable connections between multiple switches and other devices.

The large selection of ports, along with the ability to easily add more and varied devices, allows for painless growth of your network and reliability you can count on.

Powered by the ARM 98DX3236 800 MHz CPU, 512MB RAM, and a rock-solid CIS configuration, this switch can reach a Non-Blocking throughput of 64 Gbps and has a switching capacity of 128 Gbps. The device's top forwarding rate is 95.2Mpps.

All of these features and specifications combined, backed by extensive testing and research by CIS, make the CIS-CRS328-24P extremely attractive leading the way in speed, reliability, and value.

Included Accessories
* Rack ears (center-justified)
* IEC power cord

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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

Fiber

SFP+ cages	4

Peripherals

Serial port	RJ45

Other

CPU temperature monitor	Yes
PCB tempurature 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

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