

CIS-80MKV

Designed by integrators for integrators.

Large homes or commercial applications, the CIS Router with the Wi-Fi Manager was built just for you!

CIS Wi-Fi Manager

All CIS Router now have an integrated CIS Wireless Manager. From one intuitive interface get instant visibility on all connected devices, change passwords and SSIDs globally all from your CIS Router!

Powered by a dual core CPU 1.4 GHz network processor and 1 GB of RAM this router is perfect for light commercial applications. 10 Gigabit LAN ports, divided in two switch groups and an SFP cage. Come directly from the SFP cage directly to your network switches for optimal connectivity. The CIS-80MKV also has a passive PoE output capability on the last port (ETH10), this means you can extend and power CIS Access Points simply by plugging them in

This 1U Router is equipped with a rack mount housing and rack ears for easy rack installation. Perfect in your rack application.

The CIS-80MKV has been pre-configured for optimal use in home automation applications and includes the configuration for an L2TP/IPsec VPN. This business class VPN creates secure access to automation systems, surveillance and many other applications that run within a local network.

All CIS Routers are powered by an ever evolving operating system. Dynamic routing, hotspot, firewall, MPLS, VPN, advanced quality of service, load balancing and bonding, real-time configuration and monitoring are just a few of the vast number of features supported

Finally take your CIS Router to the next level with a Platinum Monitoring Subscription.

CIS Platinum Monitoring tracks your network gateway address and constantly updates your system.

We personalize your very own address so you may securely access automation, remote desktop, NAS drives and more while away. For an added bonus, upon renewal, bring you CIS Router up to date with the latest CIS approved firmware enhancements. The service monitors selected network devices and pushes status notifications in real time to integration professionals! Be informed first with CIS Platinum Membership.

Included Accessories

- 24Volt 1.2A power adaptor



CIS-80MKV

Specifications

Product code	CIS-80MKV
Architecture	ARM 32bit
CPU	IPQ-8064
CPU core count	2
CPU nominal frequency	1.4 GHz
Dimensions	11.5" X 3.5" X 1.75"
Size of RAM	1 GB
Storage size	128 MB
Storage type	NAND
Tested ambient temperature	-30 + 70 C
UPC Code	711347442667

Powering

Max Power consumption	10W
PoE in	Passive PoE
PoE out	Passive PoE
PoE in input Voltage	10-30 V
Number of DC inputs	2 (DC jack, PoE-IN)
DC jack input Voltage	10-30 V

Ethernet

10/100/1000 Ethernet ports	10
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Fiber

SFP ports	1
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Peripherals

Serial port	RJ45
Number of USB ports	1
USB Power Reset	Yes
USB slot type	USB 3.0 type A
Max USB current (A)	1

Ethernet test results

CIS-80MKV		IPQ-8064 All port test					
Mode	Configuration	1518 byte		512 byte		64 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	325	3946.8	939.8	3849.4	1530.2	783.5
Bridging	25 bridge filter rules	325	3946.8	384.2	1573.7	348.6	178.5
Routing	none (fast path)	325	3946.8	939.8	3849.4	1437.6	739.1
Routing	25 simple queues	325	3946.8	419.6	1718.7	419.7	214.9
Routing	25 ip filter rules	202	2453.1	204.1	836	188.4	96.5

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