New Product – WAPXL

CIS
Custom Integration Solutions

Designed by Integrators for Integrators

The CIS WAPXL offers the same performance as our ACWAP with higher gain antennas for improved coverage. The new 5.5dB (5 GHz) and 6dB (2.4 GHz) antennas can improve range 50% or more over our existing models (2.5dB for ACWAP antennas).

Centralized Management

The CIS WAPXL is configured to sync perfectly with your CIS router. Use the built-in Wi-Fi manager to configure your wireless network on all your CIS access points at once. Push SSID and password changes to your access points and easily keep track of your connected devices in real time.

Passive PoE Passthrough

Facing a limit on the number of data drops in your environment? The second ethernet port on the CIS WAPXL is capable of powering a second access point or device accepting passive PoE. Connect any PoE or non-PoE device for network access.

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www.custom-integration-solutions.com
info@custom-integration-solutions.com
1-888-976-3651

Specifications

Product code	CIS-WAPXL
Architecture	ARM 32bit
CPU	IPQ-4018
CPU core count	4
CPU nominal frequency	716 MHz
MTBF	Approximately 100,000 hours at 25C
Size of RAM	128 MB
Storage size	16 MB
Storage type	FLASH
Tested ambient temperature	-40 to 70C
UPC Code	711347442735

Powering

Max Power consumption	24W with attached devices, 11W without
PoE in	802.3af/at, Passive PoE
PoE in input voltage	18-57 V
Number of DC inputs	1 (PoE-IN)
PoE Out (Ether2)	Passive PoE up to 57V

Wireless

Wireless 2.4 GHz number of chains	2
Wireless 2.4 GHz standards	802.11b/g/n
Antenna gain dBi for 2.4 GHz	6
Wireless 2.4 GHz chip model	IPQ-4018
Wireless 5 GHz number of chains	2
Wireless 5 GHz standards	802.11a/n/ac
Antenna gain dBi for 5 GHz	5.5
Wireless 5 GHz chip model	IPQ-4018

Ethernet

10/100/1000 Ethernet ports	2

CIS WAPXL		IPQ-4018 1G all port test					
		1518 byte		512 byte		64 byte	
Mode	Configuration	kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	162.5	1973.4	469.9	1924.7	1484.8	760.2
Bridging	25 bridge filter rules	162.1	1968.5	352.9	1445.5	359.2	183.9
Routing	none (fast path)	162.5	1973.4	469.9	1924.7	1488	761.9
Routing	25 simple queues	162.5	1973.4	469.9	1924.7	506.3	259.2
Routing	25 ip filter rules	162.2	1969.8	240.8	986.3	242.9	124.4