CIS—ACWAP

Designed by Integrators for Integrators

The CIS-ACWAP provides the Wi-Fi coverage you need in a sleek, compact package. The weatherproof enclosure makes the CIS-ACWAP perfect for both indoor and out-door environments.

New and Improved

The CIS-ACWAP has been updated with new features. More throughput, an additional Ethernet port, and a DC jack for added flexibility.
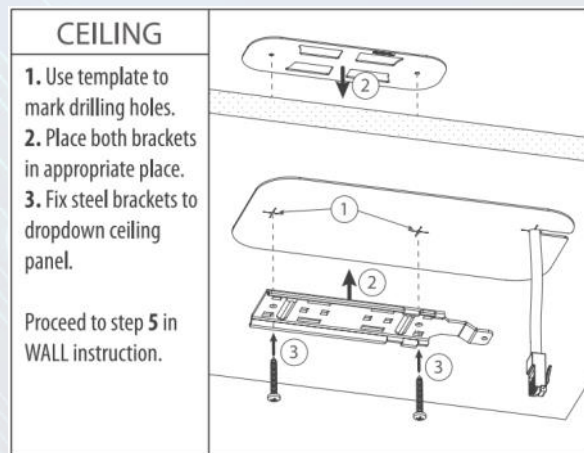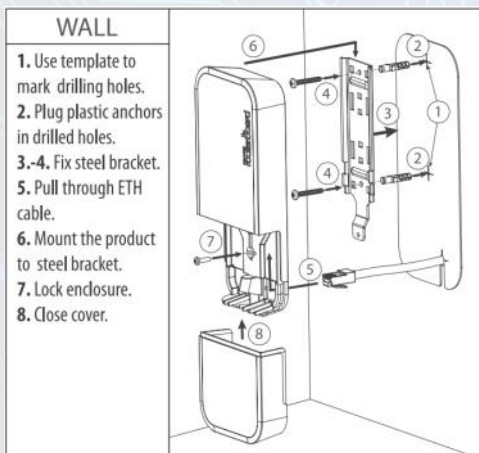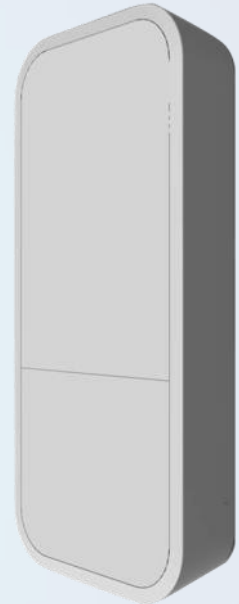
Dual-Band Support

The CIS-ACWAP provides connectivity on both the 2.4 GHz and 5 GHz frequencies. The device supports 802.11ac for high speeds and older protocols 802.11/a/b/g/n for maximum compatibility.

Centralized Management

Manage all of your connected access points from a single intuitive interface with the CIS Wi-Fi manager. Included in all CIS routers, easily view the connected devices, and change passwords and SSIDs globally from your CIS router! There is no limit to the number of access points that can be managed and controlled.

Multiple Mounting Options

The access point can be mounted on any internal or external wall or ceiling. You can also mount it to a pole using the included plastic straps. The cable can be hidden completely when ran inside of a wall or ceiling.

WALL
1. Use template to mark drilling holes.
2. Plug plastic anchors in drilled holes.
3.-4. Fix steel bracket.
5. Pull through ETH cable.
6. Mount the product to steel bracket.
7. Lock enclosure.
8. Close cover.

CEILING
1. Use template to mark drilling holes.
2. Place both brackets in appropriate place.
3. Fix steel brackets to dropdown ceiling panel.

Proceed to step 5 in WALL instruction.

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

Specifications

Product code	CIS-ACWAP
Architecture	ARM 32bit
CPU	IPQ-4018
CPU core count	4
CPU nominal frequency	716 MHz
Dimensions	185 x 85 x 30 mm
Size of RAM	128 MB
Storage size	16 MB
Storage type	FLASH
Tested ambient temperature	-40 to +70C
UPC Code	711347442636

Powering

Max Power consumption	10W
PoE in	802.3af/at
PoE in input Voltage	10-57 V
Number of DC inputs	2 (PoE-IN), DC Jack

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	2.5
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	2.5
Wireless 5 GHz chip model	IPQ-4018

Ethernet

10/100/1000 Ethernet ports	2

Ethernet test results

CIS-ACWAP		IPQ-4018 1G all port test					
Mode	**Configuration**	**1518 byte**		**512 byte**		**64 byte**	
		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

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

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