New Product – CIS-PWR

CIS
Custom Integration Solutions
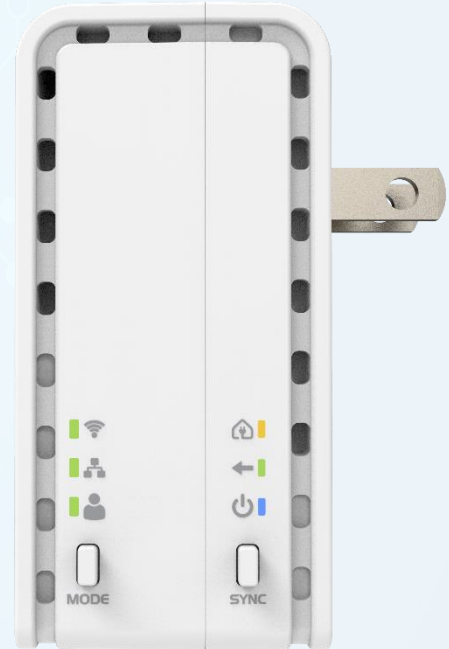
Connectivity Where You Need It

The CIS-PWR brings connectivity to areas of your building that have no access to wired or wireless networking. They're easy to install – connect a CIS-PWR device to your router, then place one or more throughout the building where you need networking. The 10/100 Mbps Ethernet port and built-in 2.4 GHz wireless access point are perfect for home automation devices or your client's devices that have basic connectivity needs.

Centralized Management

The CIS-PWR is configured to sync perfectly with any CIS router. Use the built-in Wi-Fi manager to configure your wireless network on any CIS access points and CIS-PWR devices in the building. Push SSID and password changes to them and monitor connected devices in real-time.

Simple Configuration

The CIS-PWR is configured to connect automatically to other CIS-PWR in the building. Use the web interface to link it to the CIS Wi-Fi manager or manually enter an SSID and password for the access point. If you have a wired device, just plug in to the Ethernet port.

MODE   SYNC

Specifications

Product code	CIS-PWR
Architecture	MIPSBE
CPU	QCA9533
CPU core count	1
CPU nominal frequency	650 MHz
MTBF	Approximately 100,000 hours at 25C
Size of RAM	64 MB
Storage size	16 MB
Storage type	FLASH
Tested ambient temperature	-20 to 60C
UPC Code	711347442759

Powering

Max Power consumption	6.3W
AC Input Range	100-240 V
Frequency (Hz)	50-60 Hz

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	1.5
Wireless 2.4 GHz chip model	QCA9533

Ethernet

10/100 Ethernet ports	1

CIS-PWR		QCA9533 100M one port test					
		1518 byte		512 byte		64 byte	
Mode	Configuration	kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	8.1	98.4	23.5	96.3	173.6	88.9
Bridging	25 bridge filter rules	8.1	98.4	23.5	96.3	82.2	42.1
Routing	none (fast path)	8.1	98.4	23.5	96.3	160.8	82.3
Routing	25 simple queues	8.1	98.4	23.5	96.3	118.7	60.8
Routing	25 ip filter rules	8.1	98.4	23.5	96.3	53.9	27.6