

WIRELESS CORE-BASE VERSION

CH-WMP-COR-100

v1.0.0



Product specification:

Wireless smart home controller, supports Zigbee 3.0, Z-Wave and Wi-Fi protocols	
Protocol	Zigbee 3.0 / Z-Wave
Network interface	WAN/LAN.
USB	USB 2.0
SD card	128 GB (1 pcs)
Indicator LED (RGB)	Red-Error, Blue-No VPN connection, Green-Device is working
Supported protocols	Zigbee 3.0, Z-Wave, Wi-Fi 2.4GHz/5GHz
Aerial antenna	Zigbee: PCB Antenna Z-Wave/Wi-Fi: FPC Antenna
Installation options	Table or wall mounted
RTC	Real-time, built-in clock with battery power supply
Hardware encryption	ECC608
Power consumption	3 A@5V
CPU	Quad-core Cortex A35
RAM	2 GB
eMMC	8 GB

Zigbee 3.0

Technical parameters	Value			Unit
	Min	Default	Max	
Range	0		70	m
Low frequency	2400			Mhz
High frequency			2483,5	Mhz
Modulation		OQPSK		
Transmitter output	17,5			dBm
Receiver sensitivity	-94			dBm
Broadband	5			Mhz

Z-Wave				
Technical parameters	Value			Unit
	Min	Default	Max	
Range	0		100	m
Frequency		916		Mhz
Transmitter output			13	dBm
Receiver sensitivity		97,5		dBm
Countries			Z-Wave frequency	Unit
India			865.2	Mhz
China, South Africa			868.4	Mhz
Armenia, Bahrain, CEPT Countries (Europe and other countries in region), Egypt, French Guiana, Georgia, Iraq, Jordan, Kazakhstan, Kuwait, Lebanon, Libya, Nigeria, Oman, Philippines, Qatar, Saudi Arabia, South Africa, Turkmenistan, UAE, United Kingdom, Uzbekistan, Yemen			868.4, 869.85	Mhz
Russia			869	Mhz
Argentina, the Bahamas, Barbados, Bermuda, Bolivia, British Virgin Islands, Canada, Cayman Islands, Colombia, Guatemala, Haiti, Honduras, Jamaica, Maldives, Mauritius, Mexico, Moldova, Morocco, Nicaragua, Panama, St Kitts & Nevis, Suriname, Trinidad & Tobago, Turks & Caicos Islands, Uruguay, USA			908.4, 916	Mhz
Israel			916	Mhz
Australia, Brazil, Chile, Dominican Republic, Ecuador, El Salvador, Indonesia, Malaysia, New Zealand, Paraguay, Peru, Uruguay, Venezuela, Vietnam			919.8, 921.4	Mhz
Macau, Singapore, South Korea, Taiwan, Thailand			920.9, 921.7, 923.1	Mhz
Costa Rica, Japan			922.5, 923.9, 926.3	Mhz

Environmental characteristics	
IP protection	IP22
Working temperature	-10°C - +60°C

Logistics data	
Weight	481g
Size (HxLxW)	77x180x180 mm



CE certificate number:

AOC RSHA211201004-03

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Product available at:



Drawings

