

## SBA SLAVE EOC 040



Este es un esclavo basado en el estándar HomePlug AV para acceso Ethernet por el cable coaxial. Trabaja conjuntamente con un master EOC HomePlug AV para establecer el canal de datos Ethernet sobre cable coaxial. Tiene 4 puertos Ethernet y router WiFi. Utiliza el chipset Qualcomm y la distribución del ancho de banda va de 7.5 a 65MHz. La velocidad de la capa PHY es 600Mbps y de la capa MAC es hasta 320Mbps.

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### ESPECIFICACIONES

Item	Parameters	SBACD5204WL
Interface & indicator	RF interface	*TV(RF signal) OUTPUT, metric F connector 1*CABLE(MIX)INPUT, metric F connector
	Ethernet Interface	4*10/100M auto-negotiation, RJ45
	Power Interface	1*DC12V power supply interface
	LED indicators	1 x power indicator 1 x system indicator 1 x CABLE indicator 1 x WIFI indicator LAN indicator(each Ethernet port has 1 indicator)
Performance parameters	RF parameters	Frequency:7.5-65MHz Output level:110±5dBuV
		Receive sensibility:45dBuV Return loss:>15dB Output impedance:75Ω
		PHY Layer:600Mbps Throughput on MAC Layer:320Mbps
	Modulation Mode	OFDM- 2690-carriers 4096/1024/256/64/16/8-QAM, QPSK, BPSK, ROBO
	Working Mode	TDMA/CSMA
	Encryption Mode	AES-128
Standard	EOC Standard	IEEE P1901(Draft) HomePlug AV

	Ethernet Standard	IEEE 802.3, IEEE 802.3x, IEEE 802.3u IEEE802.1P, IEEE802.1Q
Software	Network Management	WEB, CLI, SNMP
	Software Features	VLAN, QOS, Bandwidth Control, Broadcast storm limitation
Physical Features	Power supply & Consumption	Power adapter:12VDC1A Power consumption : <8W
	Dimension	160×120×32mm
	Weight	0.5kg
	Environment Attribute	Work temperature : 0~50°C Stock temperature : -40~85°C Work humidity : 10%~90%, non-condensation Stock humidity : 10%~90%, non-condensation

### WIFI SPECIFICATION

Performance parameters	Operating Mode	Router or bridge
	Throughput	IEEE 802.11b: 11Mbps IEEE 802.11g: 54 Mbps IEEE 802.11n: 135Mbps
	Frequency	2.412 ~ 2.472 GHz
	Channel	13*Channel, configurable to meet the standard of USA, Canada, Japan and China
	Modulation	DSSS , CCK and OFDM
	Coding	BPSK, QPSK, 16QAM and 64QAM
	RF receive sensitivity	802.11b: -82dBm @ 1 Mbps; -80dBm @ 2 Mbps; -78dBm @ 5.5 Mbps; -76dBm @ 11 Mbps 802.11g: -82dBm @ 6 Mbps; -81dBm @ 9 Mbps; -79dBm @ 12 Mbps; -77dBm @ 18 Mbps; -74dBm @ 24 Mbps; -70dBm @ 36 Mbps; -66dBm @ 48 Mbps; -65dBm @ 54 Mbps

	RF output lever	802.11b: 16.5 ± 1dBm 802.11g: 13 ± 1dBm @ 54 Mbps; 14 ± 1dBm @ 48 Mbps; 15 ± 1dBm @ 6 ~ 36 Mbps 802.11n: 13 ± 1dBm @ 54 Mbps; 14 ± 1dBm @ 48 Mbps; 15 ± 1dBm @ 6 ~ 36 Mbps
	Encryption Mode	802.11i security: WEP-64/128, TKIP (WPA-PSK) and AES (WPA2-PSK)

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