

EBXA-USB-WIFI

WiFi transmitter for Com'X 200/210/510



Main

Range	PowerLogic
Product or component type	USB interface
Number of channels	1
Transmission frequency band	2412...2462 MHz FCC conforming to IEEE 802.11b/g 2412...2472 MHz ETSI conforming to IEEE 802.11b/g 2412...2472 MHz TELEC conforming to IEEE 802.11b/g 2422...2452 MHz FCC conforming to IEEE 802.11g/n 2422...2462 MHz ETSI conforming to IEEE 802.11g/n 2422...2462 MHz TELEC conforming to IEEE 802.11g/n
Transmission rate	150 Mbit/s (MCS7, 40 MHz) conforming to IEEE 802.11n 65 Mbit/s (MCS7, 20 MHz) conforming to IEEE 802.11n 54 Mbit/s conforming to IEEE 802.11g 11 Mbit/s conforming to IEEE 802.11b
Radio power	14.5 DBm 54 Mbit/s conforming to IEEE 802.11g 15.5 DBm 48 Mbit/s conforming to IEEE 802.11g 17 DBm 6...36 Mbit/s conforming to IEEE 802.11g 17 DBm 1, 2, 5.5, 11 Mbit/s conforming to IEEE 802.11b 16.5 DBm 6.5...52 Mbit/s (MCS0...5, 20 MHz) conforming to IEEE 802.11n 14.5 DBm 52 Mbit/s (MCS6, 20 MHz) conforming to IEEE 802.11n 12.5 DBm 65 Mbit/s (MCS7, 20 MHz) conforming to IEEE 802.11n 15 DBm 15...120 Mbit/s (MCS0...5, 40 MHz) conforming to IEEE 802.11n 14.5 DBm 135 Mbit/s (MCS6, 40 MHz) conforming to IEEE 802.11n 12.5 dBm 150 Mbit/s (MCS7, 40 MHz) conforming to IEEE 802.11n
Receiver sensitivity	- 90 dBm conforming to IEEE 802.11b 1 Mbit/s - 90 dBm conforming to IEEE 802.11g 6 Mbit/s - 71 dBm conforming to IEEE 802.11g 54 Mbit/s - 90 dBm conforming to IEEE 802.11n 6.5 Mbit/s (MCS0, 20 MHz) - 67 dBm conforming to IEEE 802.11n 65 Mbit/s (MCS7, 20 MHz) - 90 dBm conforming to IEEE 802.11b 15 Mbit/s (MCS0, 40 MHz) - 71 dBm conforming to IEEE 802.11b 150 Mbit/s (MCS7, 40 MHz)

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Complementary

Ethernet protocol	TCP/IP PPPoE (Point-to-Point Protocol over Ethernet) USB
Encryption protocol	AES (Advanced Encryption Standard) WPA2-PSK TKIP WPA-PSK PEAP WPA2 EAP-TLS WPA EAP-TTLS WPA WEP 64 WEP WEP 128 WEP
Communication network type	Wi-Fi
[Us] rated supply voltage	5 V DC
Current consumption	TX (transmission) <= 350 mA for 5 V DC RX (reception) <= 350 mA for 5 V DC
Height	26 mm
Depth	11.48 mm

Environment

Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...80 °C
Standards	IEEE 802.11b/g/n
Product certifications	CE
Width	81.6 mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.2 cm
Package 1 Width	4.4 cm
Package 1 Length	9.3 cm
Package 1 Weight	30 g