

Product datasheet

Specifications

WiFi transmitter for Com'X 200/210/510



EBXA-USB-WIFI

-  **Discontinued on:** Sep 4, 2023
-  **To be end-of-service on:** Sep 3, 2026

 **Discontinued**

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)

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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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