

idChamp EUA Specifications

PART NUMBER: EUA-MBLFXRD

ELECTRICAL	
Power Consumption	2.7W @ RF out = 27dBm 1.6W @ RF out = 23dBm 0.15W in idle mode
DC Power	5.0 VDC +/-5%
Digital I/O	4 I/O lines (3.3V level; 3mA max)
CONNECTIVITY	
USB Interface	One USB 2.0 Full Speed (12 Mbit/s) device port
UART Serial Port	Baud Rate: up to 115200 Databits: 8 Stopbits: 1 Parity: none Flow control: none 3.3 V I/O Voltage Level
PHYSICAL	
Dimensions	L x W x H
Weight	50 g
ENVIRONMENT	
Operating Temperature	-10 °C to +55 °C
COMPATIBILITY	
Operating Systems	Mac, Windows, iOS, Android
RFID PERFORMANCE	

Frequency Range	902÷928 MHz (FCC part 15) 865.600÷867.600 (ETSI EN 302 208)
RF Power	Programmable in 18 levels (1dB step) from 10 dBm to 27 dBm (from 10 mW to 500 mW)
Output Power Accuracy	+/- 1dB
Antenna Connector Options	Nr. 1 Micro U.FL, RP-TNC Female, RP-SMA Male
Frequency Tolerance	±10 ppm over the entire temperature range
Number of Channels	4 channels (compliant to ETSI EN 302 208 v1.3.1) 50 hopping channels (complaint to FCC part 15.247)
Standard Compliance	EPC C1 G2 / ISO18000-6C

WARRANTY	
Return Policy	30 days
Setup Support	30 days
Manufacturer Defect Warranty	1 year