

idChamp 1862 Specifications

PART NUMBER: A1862UBKBU101

PERFORMANCE	
CPU	ARM Cortex-M3 32 bit
Memory	4 MB
Battery	Rechargeable 3.7V 2500 mAh Li-ion Battery
Operating Time	8 hours
Feedback	Tri-Color LEDs (red/blue/green) Vibrator Beeper
PHYSICAL	
Dimensions	163.5 x 85.7 x 146.5 mm
Weight	520 g / 18.3 oz.
Keys	2 function keys, 1 trigger key, 1 toggle switch
ENVIRONMENT	
Operating Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Storage Temperature (w/o battery)	-30 °C to 70 °C (-22 °F to 158 °F)
Humidity	Storage 5% to 95% Operating 10% to 90%
Impact Resistance	Multiple 1.5 / 5 ft. drops onto concrete, 5 drops on each side 1,000 tumbles at 1 m. (3.3 ft) / IP64
Electrostatic Discharge	± 15kV air discharge / ± 8vK direct discharge
EMC Regulation	CE, RoHS, REACH, WEEE, ErP, FCC, NCC
COMMUNICATION INTERFACE	

WPAN	Bluetooth® V 4.0 dual mode (2.1+ EDR / BLE)
Bluetooth Profiles	SPP Slave, Master, HID
USB	Virtual COM
RFID	
Frequency	UHF : 865 ~ 868 MHz / 902 ~ 928 MHz
Read / Write Range	Up to 5 m (16.5 ft.) / Up to 1.5 m (4.9 ft.)
Antenna Type	Internal antenna
Supported Tags	EPCglobal UHF Gen 2, ISO 18000-6c
Max Output Power	30 dBm
OTHER	
Configuration	Can be configured through PC, Windows mobile computers, and Serialio applications
Accessories	3610 Bluetooth® transponder, micro USB cable, battery charger, 2 battery packs, CP 55 / CP 50 / 9600 / Universal and other custom mobile computer mounts on demand.

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