

Product Data Sheet

C83 UHF Hand-held Reader

Item	Description
Image	 <p>Taggit uses the industry leading UHF (Ultra High Frequency) C83 RFID hand-held to ensure the Taggit Asset Management solution produces accurate, timeous scans making your asset take-on and auditing operations efficient and cost effective.</p>
Frequency	865 – 868 MHz (EU) or 902 – 928 MHz (US) or 915 – 919 MHz (SA)
Type	Passive UHF Hand-held RFID Reader
Protocol	EPC Global Class 1 Gen 2 ISO 18000-6C
RF Module	Impinj R2000 High Performance RFID Chipset
Antenna	Circular Polarized (4dB)
Read Range / Rate	7m – 15m* / 900 tags per Second*
CPU / RAM / ROM	Cortex A53 Octa Core 2.5GHz / 3GB + 32GB / 4GB + 64 GB (Supports 128GB Micro SD Card)
Operating System	Android 8.0
Communications	WLAN: IEEE802.11a/b/g/n/ac 2.4/5G Dual band antenna, WWAN: 2G,3G,4G, BT
Dimensions / Weight	164.2 x 80 x 24.3mm / 654g
Power	Li-ion battery pack, Rechargeable, 8000mAh, 500 hr standby, 12 hrs continuous use
Notifications & Input	R, G, B LED's / Trigger Key, 4 front keys, 1 power key, 2 scan keys, 1 multifunction key
Sensors	Gravity, light, proximity
Drop / Protection	Multiple 1.5m drops (min 20 times), 1000 x 0.5m falls at room temperature / IP65
Operating / Storage Temp.	-20°C to 50°C / -40°C to 70°C

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