



## UHF RFID HAND HELD READER KIT – C83

Taggit uses industry leading UHF (Ultra High Frequency) RFID hand-held to ensure our laundry solution produces accurate, timeous results making your laundry operation efficient and effective.



### Applications:

- Industrial Laundry Applications

Reader Specification	
<b>Frequency</b>	865 – 868 MHz (EU) or 902 – 928 MHz (US) or 915 – 919 MHz (SA)
<b>Type</b>	Passive Hand-held RFID Reader
<b>Protocol</b>	EPC Global Class 1 Gen 2 ISO 18000-6C
<b>RF Module</b>	Impinj R2000 High Performance RFID Chipset
<b>Antenna</b>	Circular Polarized (4dB)
<b>Read Range</b>	7m – 15m*
<b>Tag Read Rate</b>	900 tags per Second*
<b>CPU</b>	Cortex A53 Octa Core 2.5GHz
<b>RAM / ROM</b>	3GB + 32GB / 4GB + 64 GB (Supports 128GB Micro SD Card)
<b>Operating System</b>	Android 8.0
<b>Communications</b>	WLAN: IEEE802.11a/b/g/n/ac 2.4/5G Dual band antenna, WWAN: 2G,3G,4G, BT
<b>Dimensions</b>	164.2 x 80 x 24.3mm
<b>Weight</b>	654g
<b>Power</b>	Li-ion battery pack, Rechargeable, 8000mAh, 500 hr standby, 12 hrs continuous use
<b>Notifications</b>	R/ G/ B LED
<b>Input</b>	Trigger Key, 4 front keys, 1 power key, 2 scan keys, 1 multifunction key
<b>Sensors</b>	Gravity, light, proximity
Environmental	
<b>Drop</b>	Multiple 1.5m drops (min 20 times), 1000 x 0.5m falls at room temperature
<b>Operating Temp.</b>	-20°C to 50°C
<b>Storage Temp.</b>	-40°C to 70°C
<b>Protection</b>	IP65
<b>Charging Time</b>	Full charged time approximately 6 hrs
<b>ESD</b>	± 15kV air discharge / ± 6kV conductive discharge
<b>Accessories</b>	Standard: AC Adaptor, USB cable Optional: Cradle, holster
<b>Warranty</b>	1 Year
* read rate and read range are subject to function setting, tag performance, test environment and conditions. Test results are using standard laundry RFID Tags	