

Specification

Physical Characteristics

Dimensions	108 mm × 78 mm × 18 mm
Weight	200 g / 7.05 oz.
Port	Type C USB
Button	ON/OFF, SCAN
Battery	2000 mAh (removable)
Charging Current	5 V / 1.5 A
Charging Duration	2 hours
LED Indicator	Red indicator will be ON when charging;
	Green indicator will be ON when device has been fully charged;
	Blue indicator will be ON when battery is higher than 20%;
	Blue indicator will flash when battery is lower than 20%;
	Bluetooth is not paired when bluetooth indicator is OFF; Bluetooth is paired when bluetooth indicator is ON

Developing Environment

SDK	Android/iOS SDK Supported
Security	Encrypted Module (Reserve)

Communication

Type C USB	USB connection to realize data transfer
BT	Bluetooth 4.0

User Environment

Operating Temp.	-20 °C to +50 °C
Storage Temp.	-40 °C to +70 °C
Humidity	5%RH - 95%RH non condensing
Dropping	1.2m dropping on concrete
Sealing	IP65

UHF

Engine	Based on Impinj Indy R2000
Antenna parameter	Circular Polarized Antenna (3dBic)
Frequency	920-925 MHz / 902-928 MHz / 865-868 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Power	1W (30dBm, support +5~+30dBm adjustable)
	2W Optional (33dBm, for Latin America, etc.)
R/W range	> 9 m (open outdoors, Impinj MR6 tag)
Fastest Read Rate	900+ tags/sec

*Ranges and rates depend on tags and environment

Accessories (Optional)

Wrist strap, arm strap, magnetic handle

Notice: Product specifications are subject to change without prior notice. / Model: U5 / Update Date: 2020-10-12



Bitá-International Co., Ltd

2F, NO. 36 Park St., Nangang Dist., Taipei City 115, Taiwan R.O.C.
TEL: 02-2651-0062 | FAX: 02-2651-6852 | Email: sales@bita.com.tw