Model: DR-U-USB
Product Name: Acacia (derived from the Greek word 'akis' meaning "a sharp point")

RFID - Desktop Reader	EPC 902.75 – 927.25 MHz	(subject to regulatory region)

Technical Data

Regulatory Compliance:	FCC 15.247, Part15B
Antenna:	Right-Handed Circular 2dBi
Read Rate:	Up to 200 tag/sec , 50 tag/sec typical
Protocols:	EPC Class1Gen2 / ISO18000-6C Verified with tags from: Alien, Avery Dennison, Impinj, Mikoh, RSI/Sirit, TI, UPM Raflatac
Communications:	USB 2.0
Supported Transponders:	EPC Class 1 Generation 2, ISO18000-6C Alien Custom Command: BlockReadLock(). Tag independent 128-Byte (up to) block write for fast encoding. Future protocols and optional EPC features supported through firmware updates.
RF Power:	10 – 22 dBm / stepping 1
Read Range:	Up to 150 cm: Depending on tag type, settings and environmental conditions
Input Power:	5V, 500mA peak through USB 2.0
Upgradeable Firmware:	Yes
LED indicators:	Power, Command / RFID activities
Operating Temperature:	-20°C to 70°C (-4°F to 158°F) non condensing
Storage Temperature:	-30°C to 85°C (-22°F to 185°F) non condensing
Dimensions: Length:	12 cm, Width: 8 cm, Height: 2.5 cm, Weight: 180 g
Operation environment:	Indoor only

Developer's Kit includes:
- Documentation
- OS independent API/SDK (C++)
- Demo program
- 10 Gen2 RFID tag's
- USB cable

Ideal for applications, such as:
- POS
- Inventory Management
- Tag commissioning / programming
- File / Document tracking
- Library Check In/Out