April 12, 2024

RP902 MFi / RP902

FW

unitech

How to update the firmware of the RP902?

Please refer to below link for update instruction :

http://w3.tw.ute.com/pub/cs/Jimmy/The Instruction for RP902FW upgrading.pdf

RP902 buffre moder size?

There are 7MB for buffer mode data.

Data length can vary depending spec of tag. In general, it should be 20,000 tags, but it depend in real tag data size.

Software

What is the limitation about the developing version for SDK?

- 1. The library "unitechRFID.aar" needs DMService V1.2.8 or later version to support. You could get it in the Binary folder.
- 2. The Base Reader(HT730Reader, RP902Reader) should be initialized in non-main thread.
- 3. The application needs API version 28 or higher.
- 4. Android Studio 4.2.1 is recommended.



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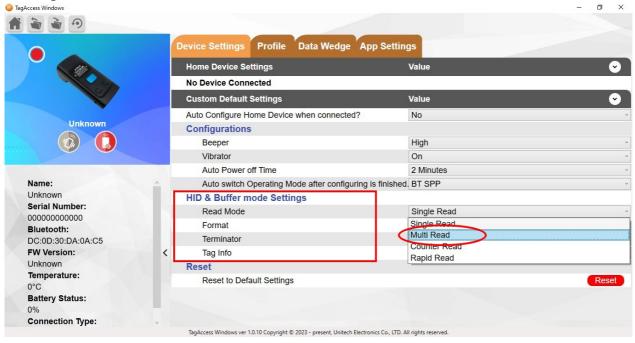
How to use RP902 to do multiple reading in TagAccess for

Windows?

1. In SPP mode (Using TagAccess), please disable the "Read Once" function

	Device Settings	Profile Data We	dge App Settings		
	RFID Profiles		Value	S	
Unknown	Active Profile Data Output Interface Enable Keyboard Data Wedge Enable Network Data Wedge United Post		Default		
			Value		
			On	On	
			Off		
			URL=, Interval (s)=2		
	Data Output Op	otions	Value		
	Output Encoding	3	Hex		
Name: Unknown	Beep on Read		On		
Serial Number:	Read Once		Off		
00000000000	Data Editing Op	otions	Off		
Bluetooth:	Variable		On		
DC:0D:30:DA:0A:C5	Timestamp	<yyyy>/<mm>/<dd>T<hh>:<mm>:<ss></ss></mm></hh></dd></mm></yyyy>			
FW Version: Unknown	C Data Editing Typ	e	Basic		
Temperature:					
0°C	Prefix	Suffix Terminator	Replace		
Battery Status:					
0%					

2. In HID & buffer mode, please set the reading mode to "Multi read" then exit TagAccess and reconnect in HID mode



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