Updated: 8/10/2017



# ASR-R250G Firmware Update Manual

### Preparations – page 1/2

#### **IMPORTANT:**

Please be certain that the microUSB-to-USB cable is connected securely to the device and to the PC. Do not touch or shake it during the firmware update process. Cable connectivity issues arising mid-process of updating firmware may cause update failure, requiring you to return your device to our factory.



## Preparations – page 2/2

1. Please prepare the following to complete this update:

#### **Hardware**

- A. ASR-R250G (requiring update)
- B. AsRing+ w/ Spacer
- C. Header
- D. Compatible iOS Device
- E. microUSB-to-USB Cable\*
- F. Windows PC /w Internet access

#### <u>Software</u>

- PC: AsGunFWUp\*\*
- PC: Latest Firmware Bin File\*\*
- iOS: AsReaderGUN app\*\*
- 2. Connect the ASR-R250G to the Windows PC using the microUSB-to-USB cable\*.
- 3. Turn on the ASR-R250G in 'Transfer Mode'. To do this,

(a) hold down the 'Mode' button on <u>both</u> sides, then (b) press and hold the 'Power' button.The device will beep if successfully completed.

\*Use the cable included in ASR-R250G box (This cable MUST support OTG connection). \*\*Please contact us if you do not have this requirement.





### Windows PC Section – page 1/2

- 4. Optional: Confirm successful connection using 'Device Manager' on the Windows PC.'AT91 USB to Serial Converter' should be under 'Port'.
- 5. Open the AsGunFWUp on the Windows PC.

- 6. Select the COM port that the ASR-R250G is connected to and click 'Connect'.
- A beep will sound and the text 'connected.' should appear.

Monitors	ect comport	AsGunFWUp	x
AT91 USB to Serial Converter (COM3)		AT91 USB to Serial Converter (COM3) disconnect ar-1.1.2.16	
Processors         Image: Sound, video and game controllers         Image: System devices         Image: Image: System devices         Image: Image: System devices         Image: Image: Image: System devices         Image: Image	Step 5	Load Binary File	
A SGunFWUp	no device		
SN Load Binary File	UPLOAD	connected.	*
	Step 6	St	tep 7

## Windows PC Section – page 2/2

- 8. Click 'Load Binary File' and select the correct Firmware .bin file.
- 9. Next, click 'UPLOAD' and the update will begin.

AT91 USB to Serial Converter (COM3)	disconnect
SN 0000000EB00	
Load Binary File	
file size : 127472 file date : 2017.07.06 21:16:01	6t 0
	Step 8
AT91 USB to Serial Converter (COM3)	ar-1.1.2.16
N 0000000EB00	UPLOAD
Load Binary File	
ile name : asreader-1.2.16 (1).bin ile size : 127472 ile date : 2017.07.06 21:16:01	Step 9
	AT91 USB to Serial Converter (COM3) SN 00000000EB00 Load Binary File file size : 127472 file date : 2017.07.06 21:16:01 AT91 USB to Serial Converter (COM3) disconnect AT91 USB to Serial Converter (COM3) disconnect Load Binary File ile name : asreader-1.2.16 (1).bin ile size : 127472 ile date : 2017.07.06 21:16:01

- 10. Another beep will sound when the update has finished. The "Successful" message shown in the picture below should appear.
- 11. Disconnect the ASR-R250G from the Windows PC and power cycle the R250G before proceeding to the next steps.

▼ select comport Connect	no device
SN 0000000EB00	UPLOAD
Load Binary File	
file name : asreader-1.2.16 (1).bin file size : 127472 file date : 2017.07.06 21:16:01	
C:\Users\JP204\Desktop\asreader-1.2.16 (1).bin	
connected.	*
FW Update Successful! Please disconnect the USB cable and turn your Gun's power off & on	before use.
	Step 10

### Confirmation

- 12. To confirm a successful update, attach the ASR-R250G to the Header, AsRing+, Spacer, and iOS device.
- 13. Next, open the AsReaderGUN app on the iOS device.
- 14. Check that the field under 'Firmware Version' is the latest version.



App Version	0.1.33
Firmware Version	ar-1.1.2.16
Address	01
Region/Country	NorthAmerica
S/N	00000000EB0
UHF/HF version	2.6.1.0
AsRing+ version	1.1.21_2
Inventory	
RFID Option	
Read Memory	
Write Memory	
Lock Memory	
Barcode Scan	
Barcode Option	
Step 13 – 14	∆sReader