

## How to update firmware for STAR Mobile Printer SM-T300i [via Bluetooth]

\*This instruction is using Bluetooth connectivity on Windows for update firmware

1. Connecting between Windows and Printer via Bluetooth



1.1 Then Windows will receive **COM Port** [Check through Control Panel > Devices and Printers then right click at the printer and select "**Properties** > **Hardware Tab**"]

			J
	Star Micronics Properties		×
Star Micro	General Hardware Services Bluetooth		
	Star Micronics		
	Device Functions:		
	Name	Туре	
	🛱 Standard Serial over Bluetooth link (COM8)	Ports (COM	
	🛞 Star Micronics	Bluetooth	

2. Open update firmware tools "SM-T300i\SM-T300I\_v3.3\FW\_Rewriting\_Tool"





3. Click "Port"

• FW	Rewrite Too	l for SN	A-S,T (CO	M)	
Write!	Load File!	Port!	About!	Exit!	

4. Select "COM Port" same as Windows received [based on Step1.1 > COM8] then click "OK"

Serial Settings		
COM Options		
Port:	СОМ4 🗸	
Baud Rate:	COM4 COM8	
Data Bits:	8 🔻	
Parity:	None 💌	
Stop Bits:	1 🔹	
Flow:	DTR/DSR	
	RTS/CTS	
	✓ XON/XOFF	
		Ok
		Cancel

4.1 Software will be showing the connecting status...

FW Rewrite Tool for SM-S,T (COM) Write! Load File! Port! About! Exit! Connection success COM8,57600,8,0,0

5. Click "Load File > Load Program File"





 Find the firmware file by the folder, as below and click "i350(RX)\_SM\_T301\_DB\_US\_3.3\_PGM.bin" and click "Open"

« SN	⁄I-T300i → SM-T	300I_v3.3 → FW_D	)ata ⇒	FW_Data(	US) → bin	
fold	er					
Â	Name	^			Date modified	
	i350(RX)_	SM_T301_DB_US_3.	.3_PGM	.bin	14/1/2559 13:46	

6.1 Then software will be loading file and prepare to update...

FW F	Rewrite Tool	for SM	-S,T (CON	VI)			
Write!	Load File!	Port!	About!	Exit!			
Connecti 1350(RX) 1350(RX) 1350(RX) Check Su	on success _SM_T301_D _SM_T301_D _SM_T301_D _SM_T301_D m : CCC6h	E COM8,5 B_US_3. B_US_3. B_US_3. B_US_3.	7600,8,0 3_PGM.bi 3_PGM.bi 3_PGM.bi 3_PGM.bi	),0 in File in File in File	loading. load suc Size : 5	 cess. 24288	BYTE.

7. Click "Write > Write Firmware"

• FW	/ Rewrite Too	l for SN	1-S,T (COI	M)	
Write!	Load File!	Port!	About!	Exit!	
W	/rite Firmwar	e	Ю,8, РСМ.Ь	0,0 in File	loading
A	bort		?GМ.Ь ?GМ.Ь	in File in File	load success. Size : 524288 BYTE.
Check S	3um : CCC6h		_		

7.1 Then software will be starting to update

 Write!
 Load File!
 Port!
 About!
 Exit!

 i350(RX)
 SM\_T301\_DB\_US\_3.3\_PGM.bin File loading...
 i350(RX)\_SM\_T301\_DB\_US\_3.3\_PGM.bin File load success.

 i350(RX)\_SM\_T301\_DB\_US\_3.3\_PGM.bin File Size : 524288 BYTE.

 Check Sum : CCC6h

 \*\*\*\*Model Name : i350(RX)\_\*\*\*\*

 \*\*\*\*Model Name : i350(RX)\_\*\*\*\*

 Download Start >>>>>

Processing.....





8. When finished, software will be showing "Success & Write End!" and click "OK"

• FW	Rewrite Too	l for SN	1-S,T (COI	VI)
Write!	Load File!	Port!	About!	Exit!
Process <<<<<	ing Download	d End		
Writing Same fi	rmware !			
Success	!			
Connect	ion success		Base	COM8,57600
				×
i	Wri	te End	ļ	
		ОК		

9. Also need to update font, Click "Load File > Load Font File"



10. Find the font file by the folder, as below and click "StarCodeTable0-50\_EXT(JISX0213)\_SL\_V1.0.fnt" and click "Open"





10.1 Then software will be loading file and prepare to update...

FW Rewrite Tool for SM-S,T (COM)

Write! Load File! Port! About! Exit!

Writing... Same firmware !

Success ! RN?StarCodeTable0-50\_EXT(JISX0213)\_SL\_V1.0.fnt File loading... StarCodeTable0-50\_EXT(JISX0213)\_SL\_V1.0.fnt File load success. StarCodeTable0-50\_EXT(JISX0213)\_SL\_V1.0.fnt File Size : 1352832 BYTE. Check Sum : 4757h

11. Click "Write > Write Firmware"

FW	/ Rewrite Too	ol for SM	1-S, T (COI	VI)			
Write!	Load File!	Port!	About!	Exit!			
W	/rite Firmwar	e					
A	bort						
RN?Star StarCoo StarCoo Check S 	<sup>-</sup> CodeTable0 JeTable0-50 JeTable0-50 Sum : 4757h	-50_EXT _EXT(JI _EXT(JI	(JISX021: SX0213)_: SX0213)_:	3)_SL_V1.0. SL_V1.0.fnt SL_V1.0.fnt	fnt File I File Ioad File Size	oading success. : 1352832	BYTE.

11.1 Then software will be starting to update

FW Rewrite Tool for SM-S,T (COM)

Write! Load File! Port! About! Exit!

RN?StarCodeTable0-50\_EXT(JISX0213)\_SL\_V1.0.fnt File loading... StarCodeTable0-50\_EXT(JISX0213)\_SL\_V1.0.fnt File load success. StarCodeTable0-50\_EXT(JISX0213)\_SL\_V1.0.fnt File Size : 1352832 BYTE. Check Sum : 4757h \*\*\*Model Name : i350(RX)\_\*\*\* \*\*\*Model Name : i350(RX)\_\*\*\*

Download Start >>>>> Processing.....

000012800H BYTE (05%)	Base COM8,57600,8,0,0	Download (
Downloading		
-		



12. When finished, software will be showing "Success & Write End!" and click "OK"

• FW	Rewrite Too	ol for SIV	I-S,T (C	OM)	
Write!	Load File!	Port!	Abou	t! Exit!	
Downloa Process <<<<<	d Start >>: sing01 Downloa	>>>> 0014A48 d End	OH BYT	E (100%)	Ì
Writing WWWWWWW Success	 ₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩ } !	****	₩₩₩₩₩₩	****	/₩₩₩
Connect	tion success		Ba	ise COM	8,57600
Connect	tion success		Ba	ise COM	8,57600 ×

13. Click "Exit" to finished update firmware





- 14. Let's check firmware version of the printer by self-test
  - Turn off power printer
  - Press and hold "Feed & Power" button at the printer in a same time
  - Self-Test will be printing out.

Get Users manual



www.starmicronics.com/support