TAVIS Firmware Update Guide





There are two methods to update TAVIS's firmware: FTP and USB.

If TAVIS is running on the same network as the computer you are transferring the firmware update from, please use FTP. If not, please proceed to the "Updating TAVIS by USB" section of this guide.

Note: to access the new features you will need to load the new GUI by setting TAVIS to the factory default, as described in the "Using the New Firmware" section of this guide.

Updating TAVIS by FTP

Connect to TAVIS using an FTP client such as Filezilla, or by following this guide on your PC.

In this example TAVIS's IP is 192.168.1.18. You can find your TAVIS's IP address on the WiFi or Ethernet tab on the settings screen.

🔁 admin@192.168.1.18 - File		_		×					
File Edit View Transfer									
Host: 192.168.1.18 U	sername: admin Pas	sword:	Port: Quickconn	ect 💌					
Status: Starting upload of C:\Users\mmaterniak\Documents\ttsFW\TTS15\Release\TTS15_OTA_v1_4_0.zip Status: Connection closed by server Status: File transfer successful, transferred 615,408,876 bytes in 76 seconds Status: Retrieving directory listing of "/firmware" Status: Directory listing of "/firmware" successful Status: Directory listing of "/firmware" successful Status: Disconnected from server									
Local site: C:\Users\mmatern	iak\Documents\ttsFW\TTS15\Release	e\ ~	Remote site: /firmware					~	
	TTS15 Dev Release TTS21	v	IR ? log ? server 					*	
Filename	Filesize Filetype	Last modified	Filename	Filesize	Filetype	Last m	odified	Pe	
 itts15-update-0-2-1.img	910,975,448 Disc Image File	6/25/2020 4:56:31	TTS15_OTA_v1_4_0.zip	615,408,876	zip Archive	8/12/20	020 11:5		
TTS15_OTA_v1_4_0.zip	615,408,876 zip Archive	8/12/2020 11:40:44.							
TTS15_v1_0_0.img	1,137,023,4 Disc Image File	7/9/2020 11:30:44							
TTS15_v1_1_1.img	1,175,144,9 Disc Image File	7/15/2020 1:38:46							
i TTS15_v1_1_2.img	1,174,194,6 Disc Image File	7/17/2020 11:40:48.							
<		>	<					>	
Selected 1 file. Total size: 615,40	8,876 bytes		1 file. Total size: 615,408,876 bytes						
Server/Local file	Direction Remote file	S	ize Priority Status						



Copy the update file (TAVxx_OTA_v_x.zip) to the Firmware folder by dragging into the firmware folder.

Using your computer, go to the device web page (<u>http://192.168.1.18/setup</u> in this example) and log in. The username is admin and the password is admin.

Go to Diagnostics > "Firmware Update"



Click "Update Firmware".

A Diagnos	stics - Firmy	vare >	: +													2 <u>122</u>		×
$\leftarrow \rightarrow$	Ö	() Not see	ure 19	2.168.1.18	/diags		ABP				8	11	۵	ø	5 ∕≡	Ē	1	
		Re	AX	5	1) T	AN	/18	5			A	H	rol	e			
					Diag	nost	tics	- Fir	mw	are								
		-				Setup	p Dia	gnosti	as Fil	es			Logo	out		_		
		WAR	NING:	DO NO	DT DIS	STUR IN P	RB T ROG	HE S RES	SYST	EM	WH	EN U	JPD/	ATE	IS			
					Curren	t Firm	ware	Versi	on:0.0	.6,								
					S	erial N	lumbe	e r: unk	nown									
		Updatin the FTP ro below. Th to recover	g Firmwa oot. Once e device r ry mode a	are via FT the file is may not re and start u	P: FTP th uploaded spond fo ipdate fro	ne firm I succes r a few om ther Upd	ware f ssfully 7 minu re. late Fii	ile "TA , click tes on rmwar	Vx_v_ the "U ce the	*.zip" pdate updat	into th Firmw e start	ne "firr are" b s. The	nware utton syste	" folde given m rebo	r of Dots			

The device will now proceed to load, verify, and install the firmware. This will take approximately 5 minutes. Please proceed to the "Using the New Firmware" section of this guide in order to use the new firmware.

TAVIS Firmware Update Guide



Updating TAVIS by USB

If you have already updated the firmware by FTP, please proceed to the following section.

To update to the latest firmware via **USB**, here is the process:

Copy the update OTA zip file to a USB drive and plug it into the unit.

Swipe from the left edge of the screen to the right side of the screen.



You will be prompted to enter your password". Enter *admin* as the default password.

Tap "Kiosk Settings" in the bottom left. Then tap "Upgrade Firmware".





Tap "Browse".

←	🕒 Upgrade Firmv		
Back	Choose firmware	TEMPERATORE CHECK REQUIRED FOR ENTRY Bowse	n
	>/storage/E8DA-t	665/TT\$15_0TA_v1_1.2.z/p	

Select your firmware update file with a long press.

÷	← 1 selected											
10	Android	ipbt_server	ipx_nodejs	LOST.DIR	nodejs_ser	System Vol	tts					
		6	Đ				n.					
	.dropbox.d	🖹 ^{1_60_0.txt}	1_62_0.txt	autorun.ico	autorun inf	BOOTEX.L	DXM-xx-M	DXM-xx-M	hercules_3	hercules_3	index.js	IPBaseT
		B		B	E	B						
16	IPBT_INST	ipbtmanag	i ota.img	eadme.txt	In run_app.vbs	B startup-co	TTS15_0T Jul 21					
					C) V	1					

Tap "Upgrade".



The device will now load, verify, and install the firmware. This will take approximately 5 minutes. Please continue to the next section of this guide.

TAVIS Firmware Update Guide



Using the New Firmware

Note: to access the new features you will need to load the new GUI by setting TAVIS to the factory default.

Swipe from the left edge of the screen to the right side of the screen. You will be prompted to enter a password. Enter *admin* as your password. Then Tap "Close Kiosk".





Closing the kiosk will bring you to the Android launcher. Now swipe up and tap "Settings".





Scroll down and tap "System", then "Advanced".

6:40 AM	Q,				$\bigcap \leftrightarrow$
Q Sea	arch setting	S			
		V	Wi-Fi, mobile, data	usage, hotspot	
			Connected device Bluetooth	es la constante de la constante	
			Apps & notificati Permissions, defau	ions	
		0	Display Wallpaper, sleep, fo	ant size	
		4)	Sound Volume, vibration,	Do Not Disturb	
		0	Screenshot		
			Storage 23% used - 24.67 0	38 free	
		8	Security & locati Screen lock	on	
	(Accounts No accounts adde	d	
		Û	Accessibility Screen readers, dis	splay, interaction controls	
		G	Google Services & preferer	nces	
	(0	System Languages, time, b	sackup, updates	
			About tablet TAV21		
				4) ◀ ● ■ 4)	
6:40 A	M	Q,			
4			Sucto		
			Syste		
				Languages & input Android Keyboard (AOSP)	
			[] :	Gestures	
			0	Date & time GMT+08:00 China Standard Time	
			٢	Backup Off	
			~	Advanced Reset options, Multiple users, System update	



Next, tap "Reset Options" -> "Erase All Data {Factory reset)".

10:31 PM	2	
<i>←</i>	Syste	m
		Languages & input Android Keyboard (AOSP)
	[t :	Gestures
	0	Date & time GMT+08:00 China Standard Time
	۲	Backup Off
	Ð	Reset options Network, apps, or device can be reset
	Do	Multiple users Signed in as Owner
	¥	System update Updated to Android 9
10:33 PM	0	
÷		Reset options
		Reset Wi-Fi, mobile & Bluetooth
		Reset app preferences
		Erase all data (factory reset)



Tap "Reset Tablet", then "Erase Everything" to confirm, and wait about 5 minutes for the TAVIS to reset and reboot.

10:39 PM Q	Q
← Erase all data (factory reset)	*3
Cett and Link Conference in Calcular Link Conference in	
V. I FUIT	
← Reset?	
Erase all your personal information and downloaded apps? You can't undo this action!	ERASE EVERYTHING

Congratulations!

You are now running the newest firmware.