



T-NETWORK 1.2.0 Firmware Release Notes

Product: TNET-ENC-H101-DA, TNET-ENC-C211-DA and TNET-DEC-H211-DA

MCU Firmware Version: 1.2.0

AST Firmware Version: 1.2.0

Type: Release

Release Date: 2026-08-31

1. MCU Firmware Update

1.1. New Features

Description	Relevant for model
Added HDMI TMDS input signal detection.	ALL
Added LAN 2 enable/disable control.	ALL

1.2. Bug Fixes

Description	Relevant for model
1, Fixed intermittent stream pass-through failure when a decoder is directly connected to an encoder.	ALL
2, Fixed intermittent IP address acquisition issue.	ALL
3, Improved HDMI TMDS input signal detection reliability.	ALL
4, Added serial-port start detection to prevent MCU firmware upgrade start errors.	ALL
5, Updated Low Power mode so PoE passthrough remains enabled.	ALL

2. AST Firmware Update

2.1. New Features

Description	Relevant for model
Added USB 2.0 Mouse Roaming.	TNET-DEC-H211-DA
Added Force No Stream Image option.	TNET-DEC-H211-DA
Added SNMPv2c and SNMPv3 support.	ALL
Added Dante Domain Manager (DDM) support.	ALL
Added firmware failsafe/backup recovery support for major-version firmware.	ALL
Added USB device on/off API commands "usbdevice,z" and "getusbdevice".	TNET-DEC-H211-DA
Added source switching option 3 to the "cecout,y" API command and Web GUI.	ALL
Added explicit TCP getstatus end markers: "enc-end!" for encoders and "dec-end!" for decoders.	ALL
Increased IR command storage slots from 40 to 60.	ALL

Description	Relevant for model
Added decoder HDMI output connection query command "gethdmioutconnect".	TNET-DEC-H211-DA
Added support for Mosaic Video Wall mode	TNET-DEC-H211-DA
Added LAN2 port Multicast traffic enable/disable	ALL

2.2. Bug Fixes

Description	Relevant for model
1, Improved T-COMM firmware upgrade/status handling, including false upload-failure indications, missing UDP status after upgrade, and premature CGI termination that prevented continued status queries.	ALL
2, Improved firmware backup and recovery behavior, including prevention of recovery being triggered before an upgrade has completed.	ALL
3, Fixed an issue where upgrading firmware with Dante VLAN disabled could leave the Dante VLAN unreachable after the upgrade.	ALL
4, Optimized CPU resource usage to reduce cases where Dante services could disappear.	ALL
5, Fixed Dante operation when LAN 2 multicast is enabled.	ALL
6, Updated the Dante SDK to V9.19.10 and improved Dante clock stability.	ALL
7, Corrected behavior after disabling Dante AV-A mode: the unit returns to standard encryption and multicast mode and reports the correct status.	ALL
8, Fixed VLAN information not responding correctly through LLDP/UDP.	TNET-ENC-C211-DA
9, Fixed an LLDP condition that could prevent UDP port 6798 from operating.	ALL
10, Fixed incorrect subnet mask and gateway values for Control VLAN and Dante VLAN when Stream VLAN uses a static IP address.	ALL
11, Fixed Dante settings not being applied during configuration import when Dante is disabled.	ALL
12, Fixed VLAN IP settings not being saved during configuration import.	ALL
13, Fixed subnet and gateway settings not being retained in DHCP mode.	ALL
14, Fixed Auto-IP service operation.	ALL
15, Fixed unit-group multicast address updates to 239.192.0.0 / 239.192.0.1.	ALL
16, Fixed decoder video stream number and connection changes that could occur when changing IP mode.	TNET-DEC-H211-DA
17, Fixed decoder stream reconnection after encoder/decoder reboot.	TNET-DEC-H211-DA
18, Fixed a decoder reboot that could occur when entering a stream number shorter than four digits.	TNET-DEC-H211-DA
19, Fixed encoder EDID copy from decoder for HDMI and USB-C inputs.	TNET-ENC-H101-DA, TNET-ENC-C211-DA
20, Fixed EDID upload through T-COMM	ALL
21, Fixed inconsistent User Defined EDID naming for an uploaded EDID file.	ALL
22, Updated and corrected the Web GUI EDID settings interface.	ALL
23, Fixed Power On Image operation.	TNET-DEC-H211-DA
24, Fixed video-wall status not synchronizing after a Web GUI refresh.	TNET-DEC-H211-DA
25, Fixed bezel compensation settings that could cause a black screen.	TNET-DEC-H211-DA
26, Corrected video-wall bezel behavior: bezel compensation is removed in Mosaic mode and unit handling is corrected in Symmetric mode.	TNET-DEC-H211-DA
27, Improved decoder stream switching performance.	TNET-DEC-H211-DA

Description	Relevant for model
28, Optimized video switching time to approximately 3-5 seconds.	ALL
29, Fixed USB Host command handling, including UDP "usbhost,x" and "usbhost,off" operation.	TNET-ENC-H101-DA, TNET-ENC-C211-DA
30, Fixed decoder USB device status reporting in getstatus.	TNET-DEC-H211-DA
31, Optimized USB switching time to approximately 3-5 seconds, or 1-2 seconds for mouse devices.	TNET-DEC-H211-DA
32, Fixed USB connection failure when the decoder powers on.	TNET-DEC-H211-DA
33, Fixed USB routing IP address errors.	TNET-DEC-H211-DA
34, Improved Mouse Roaming behavior, including coordinate display, follower mapping, settings refresh, independent operation, row/column orientation, first-enable behavior after Web GUI refresh, zoom layout, and one-click saving of leader/follower settings.	TNET-DEC-H211-DA
35, Fixed getconfig.cgi errors associated with Mouse Roaming configuration.	TNET-DEC-H211-DA
36, Completed and corrected command handling and resolved general API command/feedback validation issues.	ALL
37, Fixed "getsercustom" causing subsequent commands to stop responding.	ALL
38, Fixed repeated TCP commands causing command processing to stop responding.	ALL
39, Fixed "mute,0" / "unmute,0" feedback alignment.	TNET-ENC-H101-DA
40, Removed redundant getstatus feedback.	TNET-ENC-H101-DA
41, Fixed incorrect "setrouting,u:xxx" feedback.	TNET-DEC-H211-DA
42, Fixed "irpass,z" command operation.	ALL
43, Fixed IR stored-command failures.	ALL
44, Fixed API command and status handling for setanalog, dante_ava, setdevicenamesync, font_color, dcp_mode, and command timeout conditions.	ALL
45, Improved JSON/API schema consistency, including model/type naming, output HDCP naming, analog_priority, encryption state, temperature formatting, Preview structure, and missing autostatus fields.	ALL
46, Fixed API error feedback and malformed JSON response issues.	ALL
47, Improved autostatus synchronization and responsiveness, including routing-update latency, long-run response slowdown, and cases where decoder autostatus stopped after extended operation.	ALL
48, Fixed temperature synchronization in getstatus and incorrect unit temperature display in the Web GUI.	ALL
49, Fixed MQTT time reporting.	ALL
50, Fixed device-name queries when the device name contains spaces.	ALL
51, Fixed OLED custom text not being returned in getstatus.	ALL
52, Fixed display of the "." character on the OLED.	ALL
53, Fixed the decoder OSD not displaying the final line of text.	TNET-DEC-H211-DA
54, Fixed system-log entries not always being recorded and corrected the Custom Multicast Address log state from "false" to "off".	ALL
55, Fixed configuration import/export parameter type and format errors.	ALL
56, Improved configuration export by removing encrypted information and including VLAN settings.	ALL
57, Fixed 802.1X operation on the decoder.	TNET-DEC-H211-DA
58, Fixed LDAP/LDAPS authentication behavior.	ALL
59, Fixed custom HTTPS certificate operation.	ALL
60, Added NTP boot-server support required for HTTPS certificate validation.	ALL

Description	Relevant for model
61, Fixed SNMP query behavior and AES128 encryption.	ALL
62, Improved Trigger Command stability, including duplicate feedback, command crashes, and command-ending handling in the Web GUI trigger configuration.	ALL
63, Fixed cases where the Web GUI could become slow to load.	ALL

3. Firmware Package Notes

- 3.1. This is a cumulative public release from v1.1.0 to v1.2.0. Changes introduced in intermediate development/beta firmware are incorporated into v1.2.0 and the intermediate versions are not required for deployment.
- 3.2. Update both MCU and AST firmware components to v1.2.0 as part of the same upgrade cycle.
- 3.3. Follow the official T-NETWORK firmware upgrade guide for installation.
- 3.4. After upgrading to v1.2.0 T-COMM v1.0.0 will no longer be supported. Please make sure to download the latest T-COMM v1.2.0 version available on www.tightav.com website.

4. Known issues

Description	Relevant for model
1. USB limitation: The USB camera image may flicker or exhibit dropped frames when a USB camera and USB microphone are used simultaneously and both devices use Isochronous USB transfers. Workaround: Configure the USB camera to use Bulk transfer mode, if supported by the camera.	ALL
2, Auto-switch "Last Connect" is not supported when auto-switching between Local and Stream input.	TNET-DEC-H211-DA
3, Video wall limitation: Horizontal crop widths from 2358 to 2858 pixels are not supported when the HDMI output resolution is 3840×2160p or 4096×2160p. Workaround: Set the decoder output resolution to 1920×1080p.	TNET-DEC-H211-DA