

PDi TV Firmware

Change Log for A-series Android 11

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Update your TVs by OTA from the TV setup menu or, if you're a GENiO subscriber, from the terminals page of GENiO. See A-Series user manual PD196-389 for more information.

For USB update, please contact PDi Technical Support at support@pdiarm.com or call 800.628.9870, Ext 3486.

V12.xx applies to models PDI-AxxC (1.5GB RAM / 8GB flash)

V22.xx applies to models PDI-AxxC2 (2.0GB RAM / 16GB flash)

V12.28 and V22.28

- * Medtx v2.1.2
- * Added file selection box to setup wizard clone operation
- * Reduced memory footprint while in background
- * Greatly reduced memory usage while sending diagnostic logs to Genio
- * Backspace/delete button enabled on numeric keypad on setup wizard
- * Fixed apps being reinstalled at bootup even if the installed version was already the latest.
- * Fixed unnecessarily high cpu usage
- * Fixed white screen when pressing BACK in the setup wizard first page
- * Fixed navigation with remote through hidden menu fields
- * Improvements to app startup after boot
- * Updated IPTV player to V1.0.41
- * Dialogs: use a more visible field error color

- * Add svg support for images displayed
- * Fix MENU key
- * TV system updates
 - * Time-zone is now part of clone file
 - * Support CleanRemote bed B codes
 - * Fixed clone restore sometimes missed TV settings
 - * Fixed CH LIST key for bed C and D codes
 - * Fixed AxxC2 modes were reporting v12.26 instead of v22.26
 - * Removed redundant system recovery setting
"TV Settings → Hospital → System Recovery".
System Recovery is now only accessible through
"TV Settings → Advanced → Common → System Recovery"

V12.26 and V22.26

- * Medtx v2.0.4-973754b9
 - * TV Setup button (on red remote) opens the MedTx configuration menu
 - * Setup wizard location entry now works with remote keypad and upgraded onscreen keyboard
 - * Setup wizard retains data when pressing back button
 - * Added NIH ssl certificates
 - * Build environment and libraries updated to the latest versions
 - * Fixed Cloning from Genio - copy/transfer of .tdf file and .tdf file parameter changes
 - * Fixed MedTx could get stuck on white screen during boot
 - * Fixed keyboard autocomplete on install page

- * Fixed the BedsideTV watchdog: after factory reset, if killed BedsideTV did not restart
- * Fixed clear data process when TV turns off
- * Start Top-Leftmost App improvements: added a check on STLM running status and check apk integrity during the installation of configuration
- * Updated IPTV player to V1.0.39
 - * Debug mode crash fix
 - * Reverted HDMI changes after reports of input switch not working as well
- * TV system updates
 - * No longer clones the MedTx "device registered" flag
 - * Fixed the system recovery not functioning when USB with firmware is attached to TV
- * Known issues in this release
 - * White screen lockup when pressing back button from first setup wizard page.
 - * Time zone setting is not cloned.

V12.25 and V22.25

- * Medtx v2.0.2-28193db6
 - * Fixed clearing app data when TV turns off.
 - * Increased logcat file limit to get the full 65MB logcat.
 - * Managed applications are now verified after each configuration sync. Missing applications are automatically re-downloaded and reinstalled. Fixes activity not found .
- * Improved reliability when launching the configured top-left

application, ensuring all launch parameters are correctly passed through.

- * Resolved an issue where OTA update or a launcher app update could result in a change to the default launcher setting, causing patients to see an Android system dialog.

- * Fixed an edge case where missing or empty menu-page configurations could result in a blank display.

- * TV system updates

- * Android System WebView upgraded to v144

- * Fixed digital RF TV DTV_MUTE process running infinite loop

- * CCI fixed the "query current source" in standby power high mode

- * Updated IPTV player

- * V1.0.38

- * Crash fixes

- * HDMI connection improvements

- * Add HDMI retry mechanism when HDMI is connected

- * HDMI: Fix audio from previous channel continuing

- * HDMI: Fix audio continuing when leaving the app

- * EPG: Query channel image full list

- * EPG: Allow the admin user to choose the image

- * V1.0.37

- * Improve RF Channel loading time

- * Update tuner reset APIs after system changes

- * Fix crash - 1795 from bugzilla

- * Fix epg crash

- * EPG: Remove explicit country from query

- * EPG: fix station addition method saving too many times
- * Add HH intent
- * V1.0.36
- * Add retry mechanism for the EPG
- * Fix the long save for the channel configurator
- * Display dedicated message when the device has no IP address
- * New log, stacktrace and .channel export in settings or when crashing

V12.24 and V22.24

- * Medtx v2.0.1-42826b1d
- * Overrides home launcher settings to allow access to MedTx for maintenance
- * TV system updates
- * Fixed the source key issue when CCI connected
- * CCI now reports current source when in standby

V12.23 and V22.23

- * Medtx v2.0.1-5790d108
- * Fixed logcat retrieval from Genio 2.0
- * New watchdog feature: auto restarts Epic BedsideTV when start top-left is enabled
- * TV app updates
- * Simplified the Patient menu
- * Improved the NTSC Picture Quality
- * TV system updates

- * Updated the Vendor ID "Pdi_Communication_Systems"
- * Fixed the bug of hour meter double account
- * CCI report MAC address
- * Logcat buffer increased to 65MB
- * IPTV player to v1.0.35
- * Fixed Close Captions on mute
- * Fixed tuner stop scan
- * Add intent extra to start the app on HDMI channel
- * EPG settings: fix search auto focus once zipcode is entered
- * EPG settings: only show the check icon for selected lineups
- * Fix the RFChannel name not changing after dialog save
- * Add EPG API query logs - for debug purposes
- * Add HDMI input check (will not display hdmi2 if not plugged in)
- * Add Total channel scanned in scanning dialog
- * Change scanning dialog channel count from frequencies to actual channels
- * Add channel names from the TS stream
- * Fix Last Assignment ID in the scanning dialog

V12.21 and V22.21

- * Updated IPTV player to v1.0.27
- * Added ability to show scrolling guide channel
- * Added ability to assign scrolling guide and/or media playback to a virtual channel number
- * Improvements to video playback
- * Fixed crash after long periods of playback

- * Fixed proidiom failing when restarting device
- * Added headers to the channel configurator
- * Upgraded Medtx apk to v2.0.0
- * Added "auto-clear data on power off" setting
- * Fixed Bluetooth and Clear Data buttons "no action associated"
- * Fixed default game icons
- * Fixed MedTx updates correctly after OTA
- * Fixed setup wizard Location entry from remote
- * Fixed setup wizard cloning menu
- * TV app updates
 - * Now show alias channel number in on screen channel guide
 - * Fixed the HDMI screen flashes and no signal issue when CEC on
 - * RF TV Channel info shows QAM only instead of QAM64 or QAM256
 - * TV Source Setup Menu shows "No Signal Power Off" instead of "APO"
 - * Improved the TV SAP mode volume
- * Added CCI control over UDP ethernet
- * Fixed the backlight off issue after USB firmware upgrade
- * Fixed the TV cannot go to standby after nurse call
- * Automatically grants Epic BedsideTV permissions on bootup, to remove the white permissions screen

V12.19 and V22.19

- * Upgraded IPTV player apk to V1.0.15 (playback bug fixes)
- * Upgraded Medtx apk to 1.14.18-64 (fix TV-only mode)
- * Fixed the issue of HDMI overlay messages on IPTV or home screen

- * Add mouse icon on screen for Mouse mode
- * Allow editing Static IP even when LAN cable is not connected
- * Fixed the CC and menu keys from pillow speaker
- * Boosted the NTSC RF channel sound for pillow speaker output
- * Add banner icons to games (for 3rd party apps)
- * Fixed cloning of sound output mode (ARC or internal speaker)
- * Changed minimum backlight to 5%
- * When TV is on, it will stay "On" after restoring clone settings
- * Fixed the issue of sometimes Backlight turns off after firmware upgrade
- * Added three time zones: Beirut, Riyadh and Dubai
- * Support the "Get MAC ID" intent

V12.16 and V22.16

- * Updated trust anchors (root ca-certificates) to android 15
- * Support Android setting app to add user certificate manually
- * Removed the 4K timing from HDMI EDID data from A24C, A32C
- * Boosted pillow speaker audio output
- * Upgraded IPTV player apk to V1.0.14 (bug fixes)
- * Updated NTP server list, "ntp.internal" added for private time servers
- * Minimum back-light changed from 15% to 10%
- * Improved the Guide and Mouse key functions
- * Upgraded Medtx apk to 1.14.18-63
- * Bluetooth and clear data button assigned to 9 and 8
- * Added ability to launch an activity within an app when specified in the icon settings within Genio configuration.

V12.15 and V22.15

- * Removed the on-screen keyboard if USB keyboard attached
- * Fixed the power-on-CC when standby power High
- * Fixed digital TV not working after TV wake up with standby power High
- * Fixed CCI power status error with standby power High
- * Updated the built-in games
- * Added options menu on RF TV when user presses MENU button
- * Updated MedTx to v1.14.18-58
 - * Cloning improvements
 - * Fixed bluetooth
 - * Bluetooth and clear data button assigned to 9 and 8
 - * Setup wizard - fixed the IPTV selection (in NO Project Id configurations) save for Clone option
 - * Replaced the Twitter Icon with X icon
 - * Removed the Youtube icon from the built in 6 icons configuration
 - * Modified the behaviour of Start Top Leftmost. Now works even with Screen-ON on HIGH POWER
- * Fixed the bug in the hidden menu, save and exit not working when no network

V12.13 and V22.13

- * Improved MTI support for Sonifi
- * Fixed the system time zone setting so it does not revert after reboot.
- * Improved HDMI-CEC support including HDMI3.
- * Improved relaxation app banner icons.

- * Updated IPTV player to v1.0.12
- * Force stereo to fix Dolby 5.1 issue
- * Prevent crash when exporting to USB
- * Fixed automatic dot appending on channel configurator
IP addr
- * Fix sort button focus in channel list
- * Prevent channel list closing when scrolling
- * Use page up and down to navigate through channels
- * FileImport: replace success Toast with AlertDialog

V12.10d

- * Removed the password for system recovery.
- * Fixed the typo in low storage warning message
- * Updated MedTx to v1.14.18-6
- * Fixed the default TV activity
- * Fixed USB cloning from startup wizard
- * Can start apps and specify activity/action/extras
- * Settings menu "Start IPTV" toggle changed to
"Enable top left-most startup"
- * Expanded user data partition for apps from 1.6GB to 2.4GB.
- * Updated IPTV player to v1.0.9
- * Disable unsupported Dolby 5.1 stereo audio tracks

V12.09

- * Updated IPTV player to V1.0.8
- * Fixed video recovery after EAS (emergency alert)
- * New TV banner icon, replacing text "PDI" with "TV"
- * Added overlay/PIP L-bar mode

V12.07

- * Updated IPTV player to V1.0.7
- * Added import/export m3u from USB
- * Added subtitles enabled on mute setting

V12.06

- * Fixed default source
- * Fixed the channel key no function issue
- * Removed the NTP server requests that were outside of US
- * Updated IPTV player to V1.0.6
- * fixed IP channel entry bug requiring multicast source

V12.05

- * Removed MEDIA "input source" from default enabled sources, after factory reset.

V12.04

- * Updated IPTV player to v1.0.4
- * Move the admin encoding setting from default to channels section
- * Allowing users to hold down volume keys
- * Display groups in channel list
- * Channel sort, with admin setting to enable
- * HUD on non touch devices
- * the elapsed time in debug info
- * new app icon/banner
- * Added pdi-medtxchromiumwebview app
- * Fixed bug of clone by intent command
- * Fixed bug of OTA by intent command

V12.03c

- * Updated IPTV player to v1.0.3
- * Fixed IPTV cloning
- * Removed temp files from USB after cloning

V12.03a

- * Initial release