

# IP5000 Change Log

**IPE5000\_upgrade\_v2.1.5.bin**

**IPD5000\_upgrade\_v2.1.5.bin**

**Release Date:** 2021/09/28

**Compatibility:** After v1.x.x FW

**Release Notes**

1. [Improve] Improve the USB stability when with a bad quality cable.
2. [New] Add option for force using USB1.1 with API.
3. [New] Dynamic loaded netconsole built in.
4. [Fix] Fix the issue device drop offline with some network switches.

**IPE5000\_upgrade\_v2.0.4.7.bin**

**IPD5000\_upgrade\_v2.0.4.7.bin**

**Release Date:** 2021/02/26

**Compatibility:** After v1.x.x FW

**Release Notes**

5. [New] Dynamic loaded netconsole built in.
6. [Fix] Fix USB Touch Screen make TX reboot issue after a switching.

**IPE5000\_upgrade\_v2.0.6.bin**

**IPD5000\_upgrade\_v2.0.6.bin**

**Release Date:** 2021/02/26

**Compatibility:** After v1.x.x FW

**Release Notes**

7. [Fix] Working with CH6001(IPE5000-003) to solve the issue of green screen.

**IPE5000\_upgrade\_v2.0.4.bin**

**IPD5000\_upgrade\_v2.0.4.bin**

**Release Date:** 2021/01/19

**Compatibility:** After v1.x.x FW

**Release Notes**

1. [New] Added support for refusing upgrades below V2.0 for IPE5000-003
2. [Add] Add Search protocol of MODEL\_NUMBER could distinguish IPE5000 / IPE5000W / IPE5000DNT

**IPE5000\_upgrade\_v2.0.1.bin**

**IPD5000\_upgrade\_v2.0.1.bin**

**Release Date:** 2020/11/09

**Compatibility:** After v1.x.x FW

**Release Notes**

1. [New] Add IPE5000-003 hardware supports.
2. [New] Add 'e\_stop\_link' API for TX separate service stopping feature.
3. [Improve] Improve the API command line buffer from 1022 characters to 4000 characters for some long IR codes.
4. [Improve] Enable the audio genlock on TX, when the audio is selected as HDMI input, making analog loop on TX stable.
5. [Fix] Fix the issue, when HDMI input 88.2KHz and above sampling rate LPCM audio, the analog output on TX is intermittent.

#### **IPE5000\_upgrade\_v1.2.6.bin**

#### **IPD5000\_upgrade\_v1.2.6.bin**

**Release Date:** 2020/09/10

**Compatibility:** Only v1.x.x FW

#### **Release Notes**

1. [Fix] Fixed the issue that USB couldn't work when IP address changed in DHCP mode.
2. [Fix] Fixed when the IPE5000 input audio switching between HDMI and Analog, TX and TX audio out both have transient noise issue.
3. [Fix] Fixed when the TX input audio sampling rate is 192kHz or 176.4kHz, RX audio out without sound output issue.
4. [Fix] Fixed the sound issue even without connect with network cable.
5. [Fix] Fixed the color quantization range issue.

#### **IPE5000\_upgrade\_v1.2.5.bin**

#### **IPD5000\_upgrade\_v1.2.5.bin**

**Release Date:** 2020/01/26

**Compatibility:** Only v1.x.x FW

#### **Release Notes**

1. [Fix] The random audio dropout issue.
2. [Fix] The e\_v\_input API could not be saved issue. (imported in v1.2.1).
3. [Fix] The special video cause IPD5000 randomly reboot issue (change slab memory monitor from 20M to 30M).
4. [Fix] Return the CEC TV off default with FF 36.
5. [Fix] The audio may lost permanently issue.
6. [Fix] The TCP leak if telnet client abnormally disconnects, such as telnet client power dropping.
7. [Fix] The issue free routing from SC009 could not work.

#### **IPE5000\_upgrade\_v1.2.1.bin**

#### **IPD5000\_upgrade\_v1.2.1.bin**

**Release Date:** 2019/11/19

**Compatibility:** Only v1.x.x FW

#### **Release Notes**

1. [New] Add easy to use API for analog audio volume adjust API.

2. [New] Add API for HDMI mute.
3. [New] Add API for hiding MAC address and status info for RX engineering OSD.
4. [New] Add API for support video genlock scaling.
5. [New] Add API for USB KM hotkey support.
6. [New] Add API for switching wall plate (IPE5000W) input manually.
7. [Fix] The 'video lost' feature missing issue.
8. [Fix] The Dante unit none PCM noise issue.
9. [Fix] The Dante unit audio switching API failed issue.
10. [Fix] The IR free routing issue which 1 RX works with 2 TX same time.
11. [Fix] The IR generation API does not generate IR with some Pronto codes issue.
12. [Fix] The issue when downgrading from 1.0.x to 0.x, a cold restart is needed to make network working.
13. [Fix] The issue of wall plate (IPE5000W) could not switching to VGA automatically after a VGA re-plug.
14. [Improve] Reduce Debug Serial Log, improve performance.
15. [Improve] save\_soip\_feedback.sh take effect run time, do not need 'reboot'.

#### **IPE5000\_upgrade\_v1.0.13.bin**

#### **IPD5000\_upgrade\_v1.0.12.bin**

**Release Date:** 2019/05/15

**Compatibility:** Only v1.x.x FW

#### **Release Notes**

1. [Fix] The issue IPE5000DNT could not boot up correctly.

#### **IPE5000\_upgrade\_v1.0.12.bin**

#### **IPD5000\_upgrade\_v1.0.12.bin**

**Release Date:** 2019/04/19

**Compatibility:** Only v1.x.x FW

#### **Release Notes**

1. [Fix] The issue when wall plate can't catch HDMI signal, after a long time working without input.
2. [Fix] The issue of device lost after upgrade from v0.5 or v0.3 version.

#### **IPE5000\_upgrade\_v1.0.10.bin**

#### **IPD5000\_upgrade\_v1.0.10.bin**

**Release Date:** 2019/03/22

**Compatibility:** Only v1.x.x FW

#### **Release Notes**

1. [New] CEC frame report to SC009.

#### **PE5000\_upgrade\_v1.0.9.bin**

**IPD5000\_upgrade\_v1.0.8.bin****Release Date:** 2019/03/07**Compatibility:** Only v1.x.x FW**Release Notes**

1. [New] Mouse roaming.
2. [New] Mosaic style video wall support (Configurator Tool Not Ready).
3. [New] Change idle image to HDMI signal.
4. [New] Support sending any CEC frame.
5. [New] Support SC009 query more unit status.
6. [Improve] HDR 10 support in 2160p (4K).

**IPE5000\_upgrade\_v0.10.5.bin****IPD5000\_upgrade\_v0.10.1.bin****Release Date:** 2018/10/23**Compatibility:** Compatible with v0.9.x FW**Release Notes**

1. [Fix] The issue legacy video when white word moving on black background.

**IPE5000\_upgrade\_v0.10.1.bin****IPD5000\_upgrade\_v0.10.1.bin****Release Date:** 2018/08/03**Compatibility:** Compatible with v0.9.x FW**Release Notes**

1. [New] Unified version for IPE5000 and IPE5000W.
2. [Fix] The issue 'soipinit' API only effect after reboot.
3. [Improve] Improve the CEC compatibility.

**IPE5000\_upgrade\_v0.9.4.bin****IPD5000\_upgrade\_v0.9.4.bin****Release Date:** 2018/04/04**Compatibility:** Compatible with v0.10.x FW**Release Notes**

1. [New] All features free routed.
2. [New] Add the IR sending API.
3. [New] Add the Serial Pass-Thru mode support.
4. [New] Add analog audio volume adjustment API.
5. [New] New APIv2 supported.
6. [New] All features could be disabled if not needed.
7. [New] Assign Auto IP address when DHCP lease fail.
8. [Fix] The incorrect ratio preview issue when input interlaced or 4:2:0 timing.
9. [Fix] The 'sinkpower' does not support hex mode issue.
10. [Fix] The audio output noise issue when device reboot and switching.

11. [Fix] The IPD5000 makes the TV's CEC doesn't work with another channels issue.
12. [Improve] The switching time (under 1 second for video switching).
13. [Improve] Avoid the analog audio output noise when rebooting or switching for individual chips.

**IPE5000\_upgrade\_v0.5.2.bin**

**IPD5000\_upgrade\_v0.5.5.bin**

**Release Date:** 2017/05/15

**Compatibility:** Only v0.5.x FW

**Release Notes**

1. [New] Add HDR feature.
2. [New] Add BMP preview API.
3. [Fix] The pop noise issue when matrix switching.
4. [Fix] The issue that devices did not work in some static or DHCP IP address segments.
5. [Improve] 24Hz video quality, and video stability.
6. [Improve] No limit on the amount of KMolP.
7. [Improve] CEC compatibility.

**IPE5000\_upgrade\_v0.3.5.bin**

**IPD5000\_upgrade\_v0.3.5.bin**

**Release Date:** 2016/11/25

**Compatibility:** Only v0.3.x FW

**Release Notes**

1. [New] USB free route.
2. [New] Audio free route.
3. [Fix] Remove Web feature.
4. [Fix] Remove Bonjour feature.

**IPE5000-000\_web\_v0.3.2.bin**

**IPD5000-000\_web\_v0.3.1.bin**

**Release Date:** 2016/07/08

**Compatibility:** Only v0.3.x FW

**Release Notes:**

1. First Release.