

ANT-37500 decoder release history

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3.6.7

1. ANT-37500

- 1.1. **Playback stability** — HDMI connection startup improvements. H265 decoder driver error recovery improvements to reduce reboots.
- 1.2. **Network and streaming** — Ethernet reset support, H.265 RTSP force-TCP workaround, and tighter view reconnect timing.
- 1.3. Improved error logging and on-screen error messages.

3.6.6

1. ANT-37500 / Dante

- 1.1. Fix "default mode" setting - was always reverting to "2x2" or "RX4 2x2"

3.6.5

1. Dante

- 1.1. Removed single channel Dante RX mode

The Dante modes available are RX4 2x2, RX4 C1, RX4 C2, RX4 C3, RX4 C4

3.6.4

1. ANT-37500

- 1.1. Improvements for auto testing of web-ui

- 1.2. Fix for video CROP for resolutions generating odd crop width.
- 1.3. Included test log output.
- 1.4. Added decrypt_logs.sh

2. Engineering / Support

The file "decrypt_logs.zip" contains the script "decrypt_logs.sh" and a directory containing the decryption keys. To decrypt the log files run the script:

```
./decrypt_logs.sh spotbox-logs.tgz keys .
```

On windows using wsl:

```
wsl -d Ubuntu-24.04 ./decrypt_logs.sh spotbox-logs.tgz keys .
```

This will unpack the logs into the directory called "log"

3.6.3

1. ANT-37500:

- 1.1. This release will update the logs every 30mins so will capture the ANT-37500 state when not connected to the network.

3.6.2

1. ANT-37500:

- 1.2. Added checks for custom SSL CERT & KEY:

- 1.2.1. A basic check for CERT and KEY will be done when trying to install them from the WEB interface.

- 1.2.2. If the server fails to load the custom CERT and KEY a self signed cert will be used instead.

Note the format expected for the CERT and KEY is Privacy-enhanced Electronic Mail (PEM). This is a simple text-based format:

The CERT header and footer should look like:

```
-----BEGIN CERTIFICATE-----  
<CERT DATA>  
-----END CERTIFICATE-----
```

And the KEY file:

```
-----BEGIN PRIVATE KEY-----  
<KEY DATA>  
-----END PRIVATE KEY-----
```

- 1.3. Fixed and verified factory reset working correctly using the front button and web interface
- 1.4. Recovery update method created using image "sd-recover-3.6.2.img.gz".

The recovery image is named "sd-recover-3.6.2.img.gz". To use the image, follow steps:

- 1.4.1. Write the image file to a Micro SD card using a tool such as BalenaEtcher
- 1.4.2. Remove the power from the spotbox and insert the SD card into the device in the slot below the "TF CARD" marking.
- 1.4.3. Apply power to the box. After a short period, the LED will be flashing red and the screen will show the update in progress. When the LED flashes blue the update is complete.
- 1.4.4. Remove the SD card and the device will reboot with the updated firmware and configuration reset.

3.6.1

1. ANT-37500:

- 1.1. Fix custom SSL CERT & KEY loading

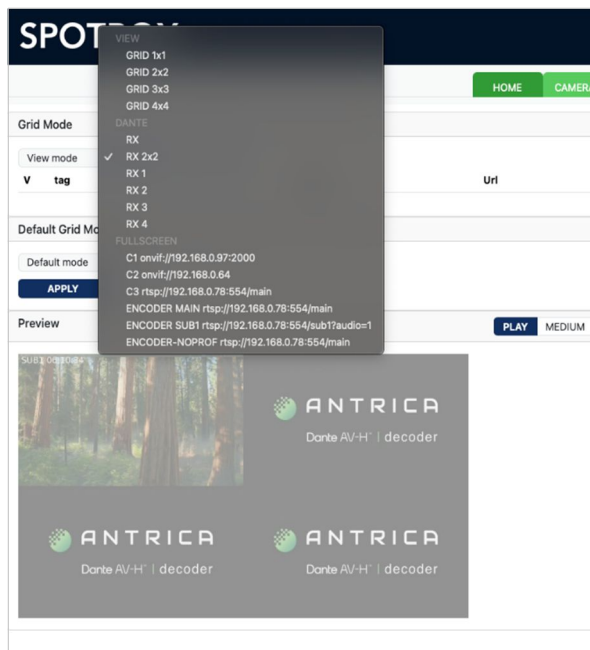
3.6.0

1. Dante:

- 1.1. Update to Dante release 1.7.2.1
- 1.2. Accept H264 and H265 video channels
- 1.3. Support up to 4 channels receive and display:
 - 1.3.1. RX: Single channel receive single channel display
 - 1.3.2. RX4 2x2: Four channel receive, 2x2 display
 - 1.3.3. RX4: [1-4] Four channel receive, single selected channel fullscreen display

2. WEB UI:

2.1. Manage new Dante modes on HOME tab:



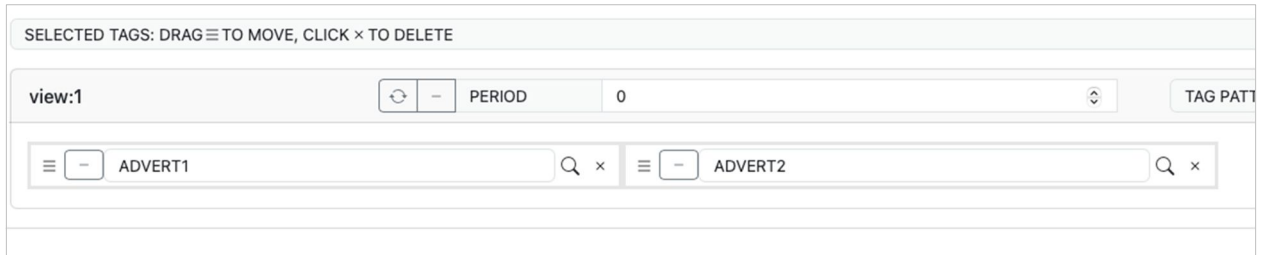
2.2. Set Video and Audio latency(ms) for Dante streams in the DISPLAY tab:

DANTE	
video latency	200
audio latency	20
APPLY	

2.3. Set time either manually or by synchronization with web browser in the SYSTEM tab:

Time	
TIMEZONE	Europe/London
TIME	
CURRENT	22/09/2025, 15:43:06
SET SYNC CURRENT	

- 2.4. A stream can now be set to play until completion before changing to the next stream in a VIEW:



Each stream can be set in the following modes:

- 2.4.1. The next stream will be played after the time period. Media files will be restated if the end before the period (current behaviour).
- 2.4.2. The media file will play until completion before the next stream is played.

3. ANT-37500

- 3.1. WIFI support is removed and will not be supported in future releases.
- 3.2. The MAC address fix is applied on initial boot after update.
- 3.3. Briefly pressing the front button will take a snapshot of the log files. Normally the log files are updated every 10 ~ 15 minutes. The log files can be downloaded from
<http://<IPADDR>/api/system/download/logs>
 The log files are encrypted so can only be viewed by Antrica
- 3.4. SD card can be used to store media files.
- 3.5. DANTE modes can be selected using the remote control.
- 3.6. Video stream will be correctly displayed in the ZOOM modes:
- 3.6.1. ZOOM - Stretch video to fill display area.
- 3.6.2. SCALE - Add black bars to keep the video aspect ratio.
- 3.6.3. CROP - Crop video to fill display area and keep the video aspect ratio.
- 3.7. Date and time is stored in a local realtime clock - will be preserved when power is removed.
- 3.8. Update to latest kernel and driver versions.

3.5.20

ANT-37500:

- Improved Onvif discovery (now discovers Concept Pro Camera)

3.5.19

ANT-37500:

- Fixed bug with failing to restart stream after error.

3.5.18

Supports OEM configuration

ANT-37500:

- Improved security for SSH server (penetration testing feedback)
- Improvements to onvif media probe (better detection)
- HDMI connect/detect: Avoid reboot/restart
- Improved onscreen reporting of stream connection errors

3.5.17

Supports OEM configuration

ANT-37500:

- Update to latest libraries/drivers/kernel where possible to reduce reboot errors.
- ONVIF discovery for H265 streams (determined from actual stream rather than ONVIF info)
- Full display of ANT-37500 version and MAC address when booted without network connection
- Audio volume change no longer requires system restart when applied.

WEB interface:

- On CAMERAS PAGE: ADD button colour changes to yellow when camera has been added
- Provide downloadable reboot/network error logging
 - Logs be downloaded via <http://<IP>/api/system/download/logs>
 - Download is a zip file containing latest log files

3.5.16

ANT-37500:

- Mounting of USB drives without a drive label
- Tested Wifi operation (worked with home and office wifi network)
- Removed time drift when camera switching
- Added source code archive (src-3.5.16.tar.gz) - this is fully buildable on a suitable ubuntu machine
- Preparation for OEM customisation.

WEB interface:

- No restriction on camera password characters
- Add time zone configuration to system section

3.5.15

ANT-37500:

- Fix booting with no features set

WEB interface:

- Show HDMI connection status on home page
- Show selected page tab in darker colour

3.5.14

Dante/ANT-37500:

- Improved HDMI connection handling

3.5.12

ANT-37500:

Full testing of spobox functionality:

- Fixed setting default grid mode on boot.

Dante:

- Correct status message for HDMI connection
- Link local address used when no DHCP server
- Updated logos

3.5.11

Dante:

- Report HDMI not connected
- Use software timestamps to remove network error reports
- Recover from lost connection to Dante container after config reset or license update.

3.5.10

Dante:

- Updated Audinate container version
- Improved audio performance: No dropouts when changing video source or over long periods of playing.

For further help and advice please contact Antrica on:
 Email: support@antrica.com
 Phone: +44 1628 626098, during UK office hours, and ask for technical support

Document info

Version	date	author	Comments
3.5.19	13-May-25	David M	Release 3.5.19
3.5.20	29-May-25	David M	Release 3.5.20
3.6.0	29-Sep-25	David M	Release 3.6.0
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3.6.2	21-Nov-25	David M	Release 3.6.2
3.6.3	24-Nov-25	David M	Release 3.6.3
3.6.3_B	10-Dec-25	David M	Correction to 3.6.0 log download URL
3.6.4	16-Jan-26	David M	Release 3.6.4
3.6.5	30-Jan-26	David M	Release 3.6.5
3.6.6	7-Apr-26	David M	Release 3.6.6
3.6.7	23-Jun-26	David M	Release 3.6.7