

-IPX 310 XX-

What's new in this version / Change Log

Only for versions 4.2.9.x

Version 4.2.9.34

1. Modified the internal clock of DVB-S2 boards to avoid some problems with some PCB layouts.
2. Added a protection to avoid problems with some streaming services with many ECMs and EMMs PIDs.
3. Solved problems with the streaming of the CAT table.
4. Improved the FW upgrading system.
5. Fixed a tuning problem with some frequencies in DVB-S2 boards. (For example: Eutelsat 5.0W 11591 MHz, SR: 20000, FEC 2/3)
6. Improved the conditional access module reset process after power cycling a Common Interface board.
7. Improved the streamer to increase the number of services which can be streamed simultaneously.

Version 4.2.9.29

1. Improved the performance of IPT 310.
2. Fixed a problem with IPS 310 and IPS 310 CI modules in case of tuning services with input bitrates higher than 65 Mbit/s.

Version 4.2.9.25

1. Fixed a problem with unicast streaming.
2. Fixed a problem with SNR, BER and signal power information provided by DVB-S boards.
3. Fixed a problem with custom streaming PID configuration.
4. Only for IPT 310 and IPT 310 CI devices: Added auto-reset function when an error is found at the input.
5. Improved the speed to rebuild the EPG.
6. Added a protection for problems in the DVB-S2 tuner.
7. Fixed a problem with the reset of DVB-S boards.
8. Improved general performance.

Version 4.2.9.20

1. Fixed bug in the algorithm to generate different Transport Stream Id for each streaming service. This problem was issued when NIT table was updated.
2. Fixed a bug in EPG.
3. Added a new configuration parameter to enable/disable IGMP reports to the multicast groups provided by IPx 310 devices (auto-join). The default is "auto-join disabled".
4. Fixed a bug in the SAP announcements when the "querier" option is enabled for a IPx board.
5. Only for IPT 310 and IPT 310 CI devices: Improved the adjustment of bitrate to the selected modulation when the bit rate is lower than the maximum bitrate allowed by the selected modulation.
6. Only for IPT 310 and IPT 310 CI devices: Enabled the storing in non-volatile memory of the region selected in the modulation parameters configuration.
7. Only for IPT 310 and IPT 310 CI devices: Fixed some errors in the length of several commands.

Version 4.2.9.17

1. Fixed dynamic PID. Now is working.
2. New performance improvements in EPG generation.
3. Only for IPT 310 fixed a bug in the status shown in SAP after a reset command.

Version 4.2.9.16

1. Now the audio encoded in DD+ are included after adding services.
2. Improvements in the EIT/EPG.

Version 4.2.9.11

1. TDT Premium card is now supported.
2. Improvement in the efficiency IPTV especially in DVB-S2 and DVB-C 256QAM.
3. Added in the SDP message the tag called charset to support not Latin characters.
4. Fixed a problem when the headend changed from SPTS to MPTS.

Version 4.2.9.8

1. First version of IP headends 4.2.9.x.

Only for versions 3.6.5.x**Version 3.6.5.26 (This version is only available for IPX 310 CI headends)**

1. The support for different PCMIA models has been improved.

Version 3.6.5.24

1. The performance of the channels with high bit rate has improved.

Version 3.6.5.23

1. The tune information is saved whether the headend can be tuned with these parameters or not.
2. The problem of recovering a configuration when the headend has no signal has been solved.
3. The emission of data gets stopped when there is no input signal.
4. The problem in the sending of Unicats emissions is solved.
5. The "Reset" problem in the IPX 310 CI headends is solved.

Version 3.6.5.19

1. A new detection function of headends is added. Once the symbol "*" is added before the name of the module, the led of the headends will start a blinking sequence, in order to make easier its identification inside the rack.
2. The problem of the value in the TTL field in the sets type IGMP and ICMP have been corrected according to the standard.

Version 3.6.5.18

1. The problem with the SDP and SAP protocols is solved.
2. We have modified the checking of the IP addresses range in order to avoid compatibility problems with the mask and the Gateway.

Version 3.6.5.17

1. The performance of the filtration of signals with high bit rates has improved.
2. The problem in the identification of the DVB-S2 channels after a reset in the module is solved.
3. The problem in the LNB configuration is solved.
4. The tuning process in DVB-S2 channels has improved.

Version 3.6.5.8

1. First version of IP headends 3.6.5.x.