

## - TSF 310 CI / TFF 310 CI / TWSF 310 CI - What's new in this version / Change Log

### Versión 1.55

1. Fixed a problem in transponder with more of 64 services some services can be not decrypted.

### Versión 1.54

1. Fixed reboot problem after load some configuration.
2. Added new option CAS ID filtering. When this option is enabled The CAM only received the CAS information supported by the CAM. If we set to off this option the CAM receive all CAS information in the TS. The default value is enabled.

### Versión 1.47

1. Fixed a problem to lock the signal in the second output of the TWSF310.
2. Increased the delay of the CAM power up to reset correctly some CAM.

### Version 1.46

1. Improvement in the output level adjustment was not working properly in low level.
2. Fixed problem in the upgrade from version 1.44 and before.

### Version 1.44

1. The CAM initialization has been improved.

### Version 1.39

3. Improvement: After load the default value in a TWSF310 CI or in the TSF 310 CI with 2 MUX, the transmodulator make a software reboot to update the change only if the number CI slot and number of mux are different of the default value.

### Version 1.37

1. The CAM's assignation to the remux are more flexible.
2. CAM monitoring reset is improved.

### Version 1.36

1. First version for the TWSF 310 CI.

### Version 1.35

1. Solved bugs with spectrum inversion.
2. Some problems with some DVB tables are fixed.
3. Fixed the problem of reset in the output services menu when is connected with the field meter.
4. Log file messages are improved.
5. In twin models, when deactivating the 2<sup>nd</sup> core, the 2<sup>nd</sup> CAM now is automatically deactivated too.
6. Improved the CI management menu.
7. Fixed a problem with encrypted service list management in 2<sup>nd</sup> remux on the field meter.
8. Changes in the default settings for the CAM management.

### Version 1.26

1. Added single and twin support for TSF 310 CI.
2. The problem after losing and not recovering decryption is fixed.
3. Some problems with some DVB tables are fixed.
4. The DVBUS response time and response with RCM 310 are improved.
5. Log file messages are improved.
6. The problem with a transmodulator reset when connecting with the meter in output services screen page is fixed.
7. A problem deleting and adding again a service is fixed.
8. Added support for PRO 201 to read the MMI CI menu.

### Version 1.09

1. Fixed problem with transponder Hispasat 30°W 12052MHz. The transmodulator did not show the services name.



**BCN Distribuciones, S.A.U.**

Corrals Nous, 77  
Pol. Industrial Can Roqueta  
08202 Sabadell  
(Barcelona – Spain)

Tel. 93 729 27 00  
Fax 93 729 30 73  
[www.ftemaximal.com](http://www.ftemaximal.com)

2. Fixed problem with transponder Astra 19.2E IF=1762MHz. The transmodulator rebooted after tuning the frequency.

**Version 1.07**

1. First version for the TSF 310 CI / TFF 310 CI.