



Micro Headend

Release Notes for OM 10 and OM 11

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1 Release Notes for SW 1.04.01.00

1.1 About this document

This document is related with the Micro Headend system and covers specific aspects of the Firmware releases. These release notes do not reflect all changes between software versions. Minor changes and usability improvements in the web UI, are for example not shown.

History of this Document:

Version	Date	Changes
SW 1.04.01.00	2018-07-19	Released

Type of Release:

Type	Description
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GA Release	General available A General Release has no restrictions for testing and includes the last Service Releases.
SR Release	Service Release A Service Release is a special Release to solve a customer specific problem.

1.2 About this release

Release Name	OM1x 064x V 1.04.01.00
Release File Name	OM1x_064x_V1.04.01.00_HW_V1.0x.omu
Release Status	This release is a GA release. It replaces all earlier (service) releases.
Release Build Date	2018-07-19
Release content	The release contains all software needed to run on OM10 0646, OM10 0648 and OM11 0648.
Dependencies	<ul style="list-style-type: none"> ▪ GUI web browser: Chrome ≥ 40, Firefox ≥ 35 or Internet Explorer ≥ 11 For getting the best performance it would be recommended to use the Google Chrome browser. (Other browser might work, but the functionality cannot be guaranteed)

1.3 New Features

- Subtitle support for Hotel-Mode added
- Slovakian system language added
- CAM CI204 mode added (change timing for some CAMs)

1.4 Improvements and Bug fixing

- Fix UI problem with special service name characters
- Generate Diagnostic-File added for support requests
- Problem fixed if PCR_PID != vpid/apid
- DVB-S/S2 Tuner re-tune functionality changed with bad signals
- File downloads fixed (port forwarding)

2 Change log

2.1 SW 1.02.01.00 (12/2016)

- Firmware supports OM10_0648 (DVB_T/DVB_C)
- Transparent mode added for DVB_C
- Filebrowser added (Files can be store on device)
- EIT/EPG-data selectable in WebUI
- Remux CI-Bypass implemented
- CAM-Clock selectable

2.2 SW 1.02.04.00 (02/2017)

- German translation added
- Wizard (Fransat) added to OM10F_0648 (T/C) devices
- PID limitation increased to 2048
- Network settings fixed

2.3 SW 1.03.00.00 (03/2017)

- Hotel-Mode added (Static output service ID)
- TS-Insertion (Video clip-insertion) added
- OMTS File handling added (File browser)
- QAM output settings extended (adjustable symbol rate between 6.000 and 7.500 kSym/s, 128-QAM constellation added)
- SDT analysis corrected (problems with some transponders)
- CRC problems in tables corrected (just HW V1.01, V1.00)
- Various translation fixes

2.4 SW 1.03.03.00 (05/2017)

- Support for T/T2/C/J83B input implemented (OM11 0648)
- SID-offset for Hospitality-Mode added
- Support for DRE-Crypt modules implemented
- Disable NIT/EIT added
- Disable CA-Remapping for CAM added
- Factory-Reset option via bluetooth added
- CA_PMT minor issue corrected

2.5 SW 1.03.04.00 (06/2017)

- New limited user added (user/wisi) for WebUI and Bluetooth-App (File Browser access)
- Bluetooth mode "Hold" added. Enables Bluetooth constantly
- Full DiseqC-Mode added. Supports not standardised multiswitches
- CAM mode "First PMT in PAT" changed
- Modulator overflow through omts-file corrected

2.6 SW 1.03.05.00 (10/2017)

- PLP settings and enhanced input signal information by clicking the DVB logo at the input settings (WebUI)
- Transparent mode added for DVB-T output modulation
- Device temperature is displayed in the system menu
- Service insertion time at CAM selectable
- If available from provider, TSID, ONID and SID will be changed in EIT-other to OM output settings, to get the maximum EIT/EPG information for all Services (Hotel-Mode + Normal-Mode)

2.7 SW 1.04.00.00 (03/2018)

- Unicable/SatCR 1 (EN50494) and Unicable/SatCR 2 (EN50607) support added for OM10
- Insert Sat-Frequency or IF-Frequency for Tuner input added -> Fix or universal LO frequency selectable
- Automatically playout and temporarily change the video channel, by inserting a USB flash with an OMTS file
- OM1x NIT exchange via Ethernet added. Generate one NIT for up to 10 OM1x-devices
- OM1x support for external NIT added. Export NIT. Import NIT. External NIT processing
- ITU-T J83-B Modulator added for OM10 0648 and OM11 0648
- Export CSV-Service-List-File with LCN-Numbers added
- Disable CAM descrambling watchdog added