

OEM D380 Release Notes

v6.3.0 - 27th November 2025

platform	sd_firmware_onyx-d380_6.3.0.bin
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Bug Fixes

- First 6 inputs for UMLV/Narrowband demodulator stop working in some conditions
- Status polls on some modules consuming memory over time

v6.2.0 - 13th November 2025

platform	sd_firmware_onyx-d380_6.2.0.bin
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New Features

- Narrowband demodulation

Improvements

- More consistent time zone formatting on web interface

Bug Fixes

- Configuring a demodulator disturbs other demodulators
- UMLV demodulator could lockup
- Build issue causing non-deterministic behaviour with RX
- REST API example python interface has timeout set too low for commands

v5.7.0 - 24th June 2025

platform	sd_firmware_onyx-d380_5.7.0.bin
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Bug Fixes

- UMLV interleaving lock-up on loss of demodulator lock
- Network gateways not being reported correctly in some conditions

v5.5.1 - 20th May 2025

platform	sd_firmware_onyx-d380_5.5.1.bin
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New Features

- UML dual pedestal support
- SRT stream ID configuration

Improvements

- Streaming packets not matching protocol discarded with error counter
- Additional DCTGS downconverter presets

Bug Fixes

- Network gateways not being reported correctly in some conditions
- Unit and RX status requests consistently slow
- Streaming input can break when swapping between UDP/RTP

v5.1.0 - 21st February 2025

platform	sd_firmware_onyx-d380_5.1.0.bin
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Deprecated Features

- Single vs multiple gateway configuration, now always multiple gateway mode

New Features

- UML deep interleaving mode
- Compressed recording and playback format
- TSL UMD serial mode and parsing

Improvements

- Streaming bitrate reflects protocol overheads

Bug Fixes

- Streaming capacity shown without licence
- Streaming capacity status unstable
- Unwanted broadcast traffic on network interfaces

v4.18.0 - 4th November 2024

platform	sd_firmware_onyx-d380_4.18.0.bin
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New Features

- Packet diversity IP sources and window size configuration
- Optional WireGuard support

Improvements

- MASH modules API now only reports active/relevant modules
- Unicast streaming source addresses now ignored where appropriate
- Unit hardware status recognises revision 4.0 PCBs

Bug Fixes

- DVB-T demodulator not working at highest bitrates
- UML error counters limited to 16-bit
- Occasional RTP sequence count discontinuity on stream output
- Multicast traffic routed across networks gets discarded with multiple interfaces
- Increased UDP buffering for streaming reducing occasional loss at high rates

v4.13.1 - 23rd July 2024

platform	sd_firmware_onyx-d380_4.13.1.bin
uboot	uboot_onyx-d380_4.13.0.bin

New Features

- Packet diversity combining between local demodulators and/or ASI inputs
- Single vs multiple gateway configuration, previously always single gateway mode
- Interface specific gateway status, replacing global gateway status
- USB CDC Ethernet has configurable MAC address

Improvements

- Gateway status shows 0.0.0.0 for an interface currently down

v4.11.2 - 25th June 2024

platform	sd_firmware_onyx-d380_4.11.2.bin
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New Features

- 4 input transport stream remux
- Streaming capacity status


Improvements

- SRT version updated to v1.5.3
- Unit hardware status recognises revision 2.1 and 3.0 PCBs

Bug Fixes

- Spectrum not inverted automatically for high side LOs
- Individual input invert not applying correctly for 4x and 2x unit modes
- Individual LO/side status not correct for 4x and 2x unit modes
- Streaming occasionally crashes on configuration change
- USB device list missing devices in some conditions
- USB speeds miss-reported in some conditions

v4.8.0 - 10th April 2024

 Initial release