Matrox Monarch EDGE Series

Release Notes

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About these release notes

These release notes provide a list of new features, known issues, and bug fixes applicable to Matrox Monarch EDGE Series version 2.07.

The information in these release notes supplements the *Matrox Monarch EDGE Series Installation and User Guide*, which is provided in PDF format from the Matrox website at *https://video.matrox.com/en/apps/drivers/home*.

Visit our website for the latest downloads

To ensure that you have the latest documentation available for Matrox Monarch EDGE Series, check the Matrox *website*, where you can also get the latest firmware and more information about all Matrox products.

What's new in this release?

This release includes the following new features and improvements:

- **SCTE 104 from SCTE-35 signals for ancillary data** - Monarch EDGE now translates SCTE-35 messaging signals from SRT and MPEG-2 TS streams into SCTE-104 messages for SDI output. These messages are embedded in the ancillary data of the SDI output with the Monarch EDGE D4 and S1 decoders.
- **Multiplexing** - Monarch EDGE encoders can now multiplex MPEG-2 TS to SRT or SRT to MPEG-2 TS as an IP input for encoding. Additionally, the Monarch EDGE decoder can multiplex MPEG-2 TS to SRT or SRT to MPEG-2 TS as an IP output.
- **Security enhancements** - Enhancements have been made as part of our ongoing and proactive measures to harden the safety aspects of the Monarch EDGE series of devices.

As with all Monarch EDGE releases, this release also resolves specific customer issues, provides compatibility with the latest supported applications, and improves on overall product stability.

Known issues

Please note the following known issues in this release:

- When updating from release version 2.06 to 2.07, saved configurations in v2.06 are not available in v2.07. You need to either set up the configurations again in 2.07, or perform a workaround by copying the *config* folder from the 2.06 location (C:\Users\UserName\AppData\Local\ Matrox Graphics \Monarch EDGE Control Hub\Config) to a new folder location in 2.07 (C:\Users\UserName\AppData\Local\ Matrox Video \Monarch EDGE Control Hub\Config).
- The following streaming protocols — SRT (Caller, Listener, Rendez-vous, and Stream ID modes) and MPEG-2 TS over UDP or RTP — are officially supported on both LAN1 and LAN2. Other officially supported streaming protocols such as RTSP, RTP, and RTMP/RTMPS must only be used on LAN1 as problems may arise when used on LAN2. (MN-2171)
- The Monarch EDGE Decoder does not decode streams that include B frames for content that is native 1080i @ 29.97 fps or 1080i @ 25 fps. Progressive streaming formats that include B frames are supported. (MN-918)
- CBR (constant bit rate) streaming may not work when the stream is video only. (MN-1882)
- When the SDI input of an RTMP stream is disabled and re-enabled, the **Audio source** will revert to **None** and the stream will not return. For the RTMP stream to return, you must set the **Audio source** to the original setting. (MN-1906)

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