

# Matrox<sup>®</sup> Release Notes

## Matrox<sup>®</sup> Maevox<sup>™</sup> 6020 Remote Recorder

Software version 2.00.03

20270-401-0102  
September 24, 2019

---

# Overview

This document describes the current release of the Matrox MaeveX 6020 Remote Recorder hardware and Configuration and Firmware Utility.

## What's new in this release

- Improved reliability when uploading to the Panopto™ server (increased resiliency to temporary network communication errors).
- Improved the file transfer reliability of the **Copy last recorded session to USB** feature.

## Notes and limitations

- This release was tested with Windows® 7, Windows® 10, Windows® Server® 2008 R2, and Windows® Server® 2016 (all 64-bit versions).
- Prefixes of host names longer than 18 characters are truncated in the corresponding device tile.
- We don't recommend transferring the last session to USB while live streaming (RTMP webcast).
- When using a 6020 device as a secondary recorder, the device will capture 2 secondary streams, even though only 1 is selected. If no HDMI® source is connected, a black stream with the message *No input signal* will appear. [793]
- When live streaming (RTMP webcast), we recommend not changing or disconnecting your source audio signal or source video mode during a session. In case of a problem (for example, a live RTMP webcast being stopped), stop the current session and start a new one.

## Recording

Table 1 lists the maximum bit rates for upload when recording or live streaming for given Panopto quality settings. Your MaeveX 6020 device has an internal 128 GB SSD hard drive that's used as a local buffer for recording.

- **Recordings without live streams** – The recording is simultaneously uploaded to the Panopto server at the rate possible given the available bandwidth. If full bandwidth is available, the impact on the SSD buffer is negligible. Also, your recordings will be complete and available for VOD or editing within a few minutes from the end of the session.

- Recordings *with* live streams** – The device won't simultaneously upload the recording while live streaming to minimize the bandwidth needed by the system for upload. In this case, the recording will upload to the Panopto server after the session is complete, unless another recording with live stream starts before the upload of the previous recording is complete.

Panopto Quality Level	Recording Bit Rate	Optional RTMP Live Streaming Bit Rate
<b>1080p</b>	13 Mb/s	6.7 Mb/s
<b>Ultra</b>	6.4 Mb/s	3.2 Mb/s
<b>High</b>	4.5 Mb/s	2.1 Mb/s
<b>Standard</b>	2.6 Mb/s	1.2 Mb/s
<b>Basic</b>	1 Mb/s	0.7 Mb/s

**Table 1: Maximum bit rates**

Depending on your source resolutions, the maximum bit rate may be less than those listed in Table 1.

---

# Contact us

The Matrox web site has product literature, press releases, technical material, a sales office list, trade show information, and other relevant material. Visit us at [www.matrox.com/graphics](http://www.matrox.com/graphics).

If you have any questions or comments about our products or solutions, contact us at [www.matrox.com/graphics/contact](http://www.matrox.com/graphics/contact).

Matrox values your business and offers professional support for your Matrox product. For more information, contact your Matrox representative or our technical support at [maevexsupport@matrox.com](mailto:maevexsupport@matrox.com).

---

# Disclaimer

Information in this document may contain technical inaccuracies or typographical errors. Information may be changed or updated without notice. Matrox reserves the right to make improvements and/or changes in the products, programs and/or specifications described in this information at any time without notice. All trademarks and trade names, service marks and logos referenced herein belong to their respective owners.

HDMI is a registered trademark of HDMI Licensing, LLC in the United States and/or other countries.

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Panopto is a trademark of Panopto Inc.

Copyright © 2019 Matrox is a trademark of Matrox Electronic Systems Ltd. All rights reserved.

**Matrox Graphics Inc.**

1055 Saint Regis Boulevard  
Dorval, Quebec, Canada  
H9P 2T4

(514) 822-6000

[graphics@matrox.com](mailto:graphics@matrox.com)  
[www.matrox.com/graphics](http://www.matrox.com/graphics)

**matrox**<sup>®</sup>  
Graphics for Professionals