

Engineering Release Notes

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You can update your card by downloading the new Update software by going to the **Support>Firmware** link at www.cobaltdigital.com. Download "Firmware Update Guide", which provides simple instructions for downloading the latest firmware for your card onto your computer, and then uploading it to your card through DashBoard | .

Software updates are field-installed without any need to remove the card from its frame.

The table below lists released software versions and describes the corresponding functions additions, improvements and/or corrections.

Software Version (Date)	Description
2.141 (1/15/2025 – present) 2.056 (7/27/2018 – 1/15/2025) 9960-TG2-REF1 BBG-1060-TG2-REF1	Resolved Issue: • Identified and implemented a correction regarding the Test Pattern Output. Improvements: • Reduction in openGear frame traffic for reporting card parameter updates. • Various stability improvements.
	 Known Issues and Operating Tips: Analog Video Output will output only 59.94 Hz or 50 Hz frame rates. The Output Rate drop-down selector has no effect. This is true for CVBS or HD Y-channel outputs. Timecode raster burn-in is only possible if an ATC_VITC insertion is enabled. Some controls may have drop-down choices or check boxes which may not be applicable to this model. The AFD tab is not recommended for use at this time, as it relies on SDI capture video rather than generator-sourced video for proper operation. The Analog Video Output is intended as a reference source only. The output does not currently support embedding of VITC waveform timecode or other analog VANC content. If a user-captured input is intended as a test generator pattern source, the format of the captured video should be that of the intended output format. This model does not provide scaling of user captures to other formats.
1.195 (3/25/2016 – 7/27/2018) 9960-TG2-REF1 BBG-1060-TG2-REF1	This is an initial firmware release for this product which has thoroughly firmware release qualitative tested for proper operation. The known issues listed below and any other observed issues will be addressed in subsequent release(s). Known Issues and Operating Tips: • Analog Video Output will output only 59.94 Hz or 50 Hz frame rates. The Output Rate drop-down selector has no effect. This is true for CVBS or HD Y-channel outputs. • Timecode raster burn-in is only possible if an ATC_VITC insertion is enabled. • Some controls may have drop-down choices or check boxes which may not be applicable to this model. • The AFD tab is not recommended for use at this time, as it relies on SDI capture video rather than generator-sourced video for proper operation. • The Analog Video Output is intended as a reference source only. The output does not currently support embedding of VITC waveform timecode or other analog VANC content. • If a user-captured input is intended as a test generator pattern source, the format of the captured video should be that of the intended output format. This model does not provide scaling of user captures to other formats.