

Engineering Release Notes

Cobalt Digital Inc. • 2506 Galen Drive • Champaign, IL 61821 USA • 1-217-344-1243 • www.cobaltdigital.com • support@cobaltdigital.com

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 DashBoardTM.

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
2.055 (7/24/2018 – present) 9902-DC-4K BBG-1002-DC-4K	Improvements/Additions: • Adds support for 1080psf outputs.
	 Known Issues: On Character Burner > Timecode, Timecode Select choice of "VITC WAVE" is not applicable for this model (this model is not designed for, nor compatible with, SD SDI inputs). Reference VITC and/or LTC Audio-sourced timecode (+LTC Option) cannot be burned in (although these format sources can be used for embedded ATC_VITC and/or ATC_LTC timecode insertions in the output SDI video).
2.021 (9/27/2017 – 7/24/2018) 9902-DC-4K BBG-1002-DC-4K	Improvements/Additions: • Adds scaler output format choices of 720p (50, 59.94, 60).
2.018 (9/8/2017 – 9/27/2017) 9902-DC-4K BBG-1002-DC-4K	Improvements: • Improved downscaling of 2SI 4K sources.
1.241 (12/20/2016 – 9/8/2017) 9902-DC-4K BBG-1002-DC-4K	Corrections: • Fixes potential video artifacts when receiving 23.98/24 fps film rates (especially if on only one input). • Fixes cases where Ident overlay may not be positioned correctly when underscanning is enabled. Improvements/Additions:
	 Adds ability to use reference VITC waveform timecode as timecode source for combined SDI output packet-based embedded timecode. (Note: Timecode sourced from reference VITC cannot be used as timecode burn-in.)
1.74 (3/2/2016 – 12/20/2016) 9902-DC-4K BBG-1002-DC-4K	Initial production release.