

Firmware Version 1.1 für Videodisplay DP-V1710

Details zu den Änderungen an der Firmware

Diese Firmware (Version 1.1) enthält die folgenden zusätzlichen Funktionen und Leistungsverbesserungen.

1. Die Überprüfung des 4K-RAW-Videoausgangs von einer „EOS C700/EOS C700 GS PL“ wird nun unterstützt.
2. Videos, die mit einem anamorphen Objektiv aufgenommen wurden, können nun entzerrt und im Original-Seitenverhältnis überprüft werden.
3. Die Kamera-Metadateninformationen können nun von allen „EOS C700/EOS C700 GS PL“-Ausgangssignalen bezogen werden, um Informationen anzuzeigen und auf Grundlage der Bildqualitätseinstellungen umzuschalten.
4. Die Kamera-Metadateninformationen können nun auch von anderen Ausgangssignalen bezogen werden (zusätzlich zum herkömmlichen „EOS C300 Mark II“-RAW-Signal), um Informationen anzuzeigen und auf Grundlage der Bildqualitätseinstellungen umzuschalten.
5. Die LUT-Einstellungen „ARRI LUT 2020 PQ 1K“ und „ARRI LUT 2020 PQ 2K“ für ARRI Kinokameras wurden zu „User LUT“ hinzugefügt.
6. Die Überprüfung von Videos im ICtCp-Farbraum auf Grundlage von „ITU-R BT.2100“, dem Videostandard der nächsten Generation, wird nun unterstützt.
7. Bei der Anzeige von 4K/2K-Video kann nun ein Bildschirm horizontal aufgeteilt werden, um verschiedene Bildqualitätsstufen zu überprüfen (z. B. Vergleich zwischen HDR und SDR (Standard Dynamic Range)).
8. 4K-Video kann nun verkleinert werden, um zwei Bilder nebeneinander anzuzeigen und verschiedene Bildqualitätsstufen zu überprüfen (z. B. Vergleich zwischen HDR und SDR).
9. Die Benutzerfreundlichkeit der Funktion, die 2K-Videos nebeneinander anzeigt, um verschiedene Bildqualitätsstufen zu überprüfen (z. B. Vergleich zwischen HDR und SDR), wurde verbessert.
10. „False Color“ unterstützt nun die Anzeige des HDR-Videostandards „SMPTE ST 2084 (PQ)“ und „Hybrid Log-Gamma“.
11. Eine Funktion wurde zu „Color Gamut“ hinzugefügt, mit der die Farben gefärbt werden können, die bei der Anzeige von Videobildern mit ITU-R BT.2020 nicht mit ITU-R BT.709 wiedergegeben werden können.
12. Der Funktion „Wave Form Monitor“ wurden die Skalen-Displays von „Hybrid Log-Gamma“, „ST 2084 (PQ) Full“ und „ST 2084 (PQ) Limited“ hinzugefügt.
13. „SDI Full“ (Schwarzpegel: 4, Weißpegel: 1019, 10-Bit) wird nun zu „Color Range“ hinzugefügt.
14. Es wurden jetzt „Power Indicator /Button LED settings“ hinzugefügt.
15. „Function Settings“ wurden in das „Protect Target“ unter „Protect Settings“ hinzugefügt, um dort die Funktionseinstellungen aktivieren oder deaktivieren zu können.
16. Die Vollbildanzeige des verkleinerten Videobilds mit einer Eingangsauflösung von 4096 x 2160 wird nun unterstützt.
17. Bei der Konfiguration der In-Monitor-Anzeige können nun benutzerdefinierte Zeichenfolgen angezeigt werden.
18. Der automatische Betrieb von des „Color Range“ ist nun geändert worden, sodass die Einstellungen verändert werden, wenn „Gamma“ auf „SMPTE ST 2084 (PQ)“ eingestellt ist.
19. SD-SDI-Signale werden unterstützt.
20. Die Einstellung „Automatic“ wurde in „Audio Input“ unter „Channel Settings“ hinzugefügt.
21. Die Bildschirmerfassung wird nun in einer MultiView-Konfiguration (Dual/Quad) unterstützt.
22. Sie können zum Registrierungs Bildschirm umschalten, indem Sie die „Function Button“ gedrückt halten.
23. Die Liste kann durch Drücken und Halten der „Channel Button“ angezeigt werden.
24. Die Anfangseinstellungen wurden unter „Picture Mode“ zu „User1-3“ und zu „CH(Channel) 4-9“ hinzugefügt.
25. „Preset Gamut 1 to 709“, „Preset Gamut 1 to 2020“, „Preset Gamut 1 to DCI“, „Preset Gamut 2 to 709“, „Preset Gamut 2 to 2020“ und „Preset Gamut 2 to DCI“ sind nun zu „Color

Gamut“ hinzugefügt.

26. „Preset Log 1“ und „Preset Log 2“ sind nun zu „Gamma“ hinzugefügt.
27. Eine Anpassung der HDR Range ist jetzt möglich, wenn „Gamma“ auf „Gamma LUT 1~8“ festgelegt ist.
28. Weiterhin haben wir Mängel beseitigt und die Betriebsleistung verbessert.

Bitte überprüfen Sie die Firmware-Version auf Ihrem Display. Wenn Version 1.0 oder eine frühere Version ausgeführt wird, sollte die Firmware auf Version 1.1 aktualisiert werden. Wenn die Firmware des Displays in der Version 1.1 vorliegt, brauchen Sie nichts zu unternehmen.

Vorbereitungen für die Aktualisierung der Firmware

Es wird empfohlen, die aktuellen Einstellungen zu exportieren, bevor Sie versuchen, die Firmware zu aktualisieren. Sobald die Firmware aktualisiert ist, können die Einstellungen wieder in das Display importiert werden.

Der heruntergeladene Ordner enthält die neue Firmware. (Dateiname: „update_dpv1710.rom“, Dateigröße: 18,854,185 Bytes) Er enthält auch das Dokument mit den Anweisungen zur Firmware-Aktualisierung (mehrsprachige PDF-Datei in folgenden Sprachen: Japanisch, Englisch, Französisch, Deutsch und Chinesisch (vereinfachte Zeichen)). Bevor Sie mit der Aktualisierung der Firmware fortfahren, lesen Sie bitte die Anweisungen zur Firmware-Aktualisierung.

Für die Ausführung der Firmware-Aktualisierung sind folgende Komponenten erforderlich:

1. Display-Einheit
2. Personalcomputer
3. USB-Speicher (FAT16 oder FAT32)
4. Firmware (die heruntergeladene Datei)

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■linux kernel, busybox, SquashFS, JFFS2, FUSE

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■glibc, libfuse, avahi-autoipd

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■ Newlib(libc)

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