

Version de micrologiciel 1.4.2 pour Moniteur vidéo DP-V1710Détails des changements apportés au micrologiciel

Ce micrologiciel (Version 1.4.2) intègre le correctif suivant :

1. Corrige un dysfonctionnement dans lequel la fonction d'affichage de décompte à l'écran utilisant le protocole TSL UMD ne peut pas être utilisé dans certains cas.
2. Un dysfonctionnement dans lequel une partie de l'écran de menu s'affichait de manière incorrecte dans certains cas lors de l'utilisation d'une alimentation CC sur un écran exécutant la version 1.4 ou 1.4.1 du micrologiciel a été corrigé.

Vérifiez la version de micrologiciel sur votre écran. S'il s'agit de la version 1.4.1 ou antérieure, vous devrez procéder à la mise à niveau vers la version 1.4.2. Aucune action n'est nécessaire si le micrologiciel de l'écran est à la version 1.4.2.

De plus, veuillez noter que la version 1.4.2 du micrologiciel intègre des améliorations de performance ainsi que des fonctions équivalentes à celles de la version 1.4 du micrologiciel. Les détails concernant les améliorations de performance et les fonctions de la version 1.4 du micrologiciel sont les suivants.

1. La luminance blanche plein écran et la luminance maximale en mode d'impulsion ont été augmentées de 600 cd/m^2 à $1\,000 \text{ cd/m}^2$.
2. La luminance blanche plein écran et la luminance maximale pendant la gradation locale ont été augmentées de 300 cd/m^2 à 600 cd/m^2 .
3. La luminance noire a été améliorée de $0,001 \text{ cd/m}^2$ en mode d'impulsion et en gradation locale.
4. Les fichiers LUT au format *.cube* peuvent à présent être directement importés dans l'unité d'affichage.
5. Les LUT 1D peuvent à présent être importés dans la LUT utilisateur. La plage du signal vidéo peut également à présent être convertie avant ou après le traitement de la LUT utilisateur (LUT 1D/LUT 3D).
6. Les vidéos HDR et SDR peuvent à présent s'afficher simultanément sur le moniteur en forme d'onde lors de la visualisation ou la comparaison des formes d'onde après conversion de la LUT.
7. Lors de la lecture d'une vidéo Canon Log à partir d'une caméra de cinéma EOS⁴ via SDI ou HDMI, l'unité d'affichage peut à présent détecter et afficher automatiquement la plage de couleurs (pleine ou limitée) qui correspond à la plage de sortie vidéo (plage complète ou plage étroite).
8. Ajout de deux LUT à « CDL/User LUT » qui convertissent les vidéos prises avec des caméras cinéma RED numériques en HDR (PQ) et SDR.
9. Ajout d'une fonction à « Pixel Value Check » qui indique les valeurs de chromaticité xy d'un pixel spécifié ainsi que sa position de coordonnées sur le diagramme de chromaticité⁵.
10. Ajout de « Peak Range » à « Range Check » qui met en évidence les zones de plage à haute luminance définies avec le réglage normal « Over Range ».
11. Les erreurs détectées par « Signal Monitoring » peuvent à présent être exportées sous forme de journal sur des clés USB ou d'autres périphériques de stockage externes. Le journal d'erreurs est à présent conservé même après un cycle de mise sous/hors tension.

12. Changement de la plage des réglages de la taille de la zone (largeur et hauteur) et de la position d'affichage de la zone (horizontal et vertical) pour le « Safety Zone Marker ». Ajout également de « Box (Mask) » aux contours de la zone.
13. Ajout de « Area Marker 2 ». Il est maintenant possible de régler deux marqueurs de zone.
14. Ajout de 80% (UHD) – 95% (UHD) au réglage d'intervalle « Grid Marker ».
15. Ajout de paramètres pour régler l'ordre et la position de l'affichage du canal sur « Audio Level Meter ».
16. Il est maintenant possible de sélectionner et d'afficher 16:9 et 4:3 pour faire correspondre le rapport d'aspect lors de l'affichage du signal vidéo SD-SDI. La détection automatique et l'affichage avec l'ID du Payload sont à présent également possibles.
17. L'unité peut à présent détecter et basculer automatiquement l'affichage lorsque le signal d'entrée commute entre SD-SDI et HD-SDI.
18. Ajout de « Marker 1/2/3 », « Monochrome », « Blue Only », « Red Off », « Green Off » et « Blue Off » aux fonctions pouvant être sauvegardées sous chaque broche GPI sous « Remote(GPI) ».
19. Ajout de 10 % et 5 % aux options d'échelle d'affichage pour les graphiques de rapport HDR/SDR sur « Frame luminance Monitor ».
20. Amélioration de la convivialité du navigateur Web, y compris le déplacement de la position du vérificateur de valeur de pixel, en cliquant ou en touchant la fenêtre de visualisation pendant le fonctionnement à distance via Wi-Fi ou LAN et en permettant l'entrée directe de valeurs pour la barre de réglage dans la fenêtre de commande.
21. Ajout d'un réglage permettant de conserver le nom des boutons de l'unité allumé en permanence.
22. Modification du comportement lors de l'utilisation du système gamma automatique pour Hybrid Log-Gamma (HLG).
23. Ajout d'une fonction d'économie d'énergie.
24. Autres améliorations de la convivialité et de l'affichage.

*1 Les valeurs de luminance indiquées ici sont des valeurs standard au moment de l'expédition en usine et ne sont pas des valeurs de performance garanties.

*2 Nécessite l'achat d'une licence. Applicable uniquement lorsque l'unité fonctionne à partir de l'alimentation secteur.

*3 Applicable uniquement lorsque le plein écran s'affiche en noir.

*4 Modèles de caméra cinéma EOS qui permettent la sélection de la gamme Canon Log C500 Mark II / C300 Mark III (SDI/HDMI pris en charge)
C700 / C700 GS / C700 FF (réglages de la LUT utilisateur et de SDI uniquement)
(à compter de la fin du mois de mai 2020)

*5 Uniquement pour la gamme de couleurs BT.2020 et une courbe gamma de 1,0, 2,2, 2,35, 2,4, 2,6, PQ ou HLG (sauf HLG RVB).

Préparatifs pour mettre à jour le micrologiciel

Il est recommandé d'exporter les réglages actuels avant d'essayer de mettre à jour le micrologiciel. Une fois que le micrologiciel a été mis à jour, les réglages peuvent être réimportés sur l'écran.

Le dossier téléchargé contient le nouveau micrologiciel. (Nom de fichier : « update_dpv1710.rom », taille de fichier : 23,230,199 octets) Il contient également la documentation pour la procédure de mise à jour du micrologiciel (fichier PDF multilingue dans les langues suivantes : japonais, anglais, français, allemand et chinois (caractères simplifiés)). Avant de commencer la mise à jour du micrologiciel, veuillez lire la documentation s'y rapportant.

Les éléments suivants sont nécessaires pour mettre à jour le micrologiciel :

1. Écran
2. Ordinateur personnel
3. Clé USB (FAT16 ou FAT32)
4. Micrologiciel (Le fichier téléchargé)

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from him.

■linux kernel, busybox, SquashFS, JFFS2, FUSE

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■glibc, libfuse, avahi-autoipd

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■Newlib(libc)

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