

视频监视器 DP-V2421 固件版本 1.4.2

固件变更的详细说明

本固件（1.4.2 版本）包含以下修复：

1. 修复了在某些情况下，利用 TSL UMD 协议的屏幕计数显示功能无法使用的故障。

请检查您的监视器固件版本。如果监视器运行版本为 1.4 或更早的版本，则应该更新为版本 1.4.2。如果监视器的固件为版本 1.4.2，则不需要更新。

此外，请注意 1.4.2 版本固件包含了性能提升以及与 1.4 版本固件中的同等功能。性能提升以及 1.4 版本固件功能详情如下。

1. 监视器现可支持直接导入 .cube 格式的 LUT 文件。
2. 1D-LUT 现可直接导入至 User LUT。支持套用 User LUT（1D-LUT / 3D-LUT）处理之前或之后的视频信号范围的转换。
3. Cinema EOS 电影摄影机^{*1}通过 SDI 或 HDMI 输出 Canon Log 视频时，监视器可自动检测及显示与输出视频范围（全域或窄域）相匹配的色彩范围（完全或限制）。
4. “CDL/User LUT”中新增两个 LUT，可将使用 RED 数字电影摄影机拍摄的视频转换为 HDR (PQ) 和 SDR。
5. “像素值确认”功能中新增一项可显示指定像素的 xy 色度值及该像素在色度图中坐标位置的功能。
^{*2}
6. “范围确认”中新增“峰值范围”，能够高亮显示在正常“超范围”设置中定义的高亮度范围区域。
7. 通过“信号监视”检测出的故障现可作为日志文件导出至 USB 存储器或其他外部存储设备。即使在断电又重新通电后，仍可保留故障日志。
8. 已更改“安全区域标记”的区域尺寸（宽度和高度）及区域显示位置（水平和垂直）的设置范围。区域形状中添加了“框(遮罩)”形状。
9. 新增“区域标记 2”。现可设置两个区域标记。
10. “网格标记”间隔设置中新增 80% (UHD) - 95% (UHD)。
11. “音频电平指示器”中新增可调整通道顺序及显示位置的设置。
12. 显示 SD-SDI 信号视频时，可选择 16:9 和 4:3 进行显示，以匹配显示宽高比。现可使用负载 ID 进行自动检测及显示。
13. 当在 SD-SDI 和 HD-SDI 之间切换输入信号时，本机现可自动检测及切换显示。
14. “帧亮度监视器”中 HDR / SDR 比例图的显示缩放选项中新增 10% 及 5% 选项。
15. 提升了网络浏览器的可用性，包括在利用 Wi-Fi 或 LAN 进行远程操作期间，通过点击或触控查看窗口来移动像素值检查器的位置，并且可在控制窗口中直接输入调整栏的值。
16. 新增可保持本机按钮名称始终点亮的设置。
17. 改变了使用 Hybrid Log-Gamma (HLG) 作为自动系统伽马时的特性。
18. 新增电力节省功能。
19. 改善了其它操作及显示。

^{*1} 支持 Canon Log 范围选择的 EOS 电影摄影机机型
C500 Mark II / C300 Mark III（支持 SDI/HDMI）

C700 / C700 GS / C700 FF (仅 User LUT 设置及 SDI)

(目前截至 2020 年 5 月底)

*2 仅用于 BT. 2020 色域及 1.0、2.2、2.35、2.4、2.6、PQ 或 HLG (不含 HLG RGB) 伽马曲线。

更新固件的准备工作

尝试更新固件之前，建议导出当前的设置。更新固件后，可以将设置导回监视器。

下载的文件夹中包含新的固件。(文件名：“update_dpv2421.rom”，文件大小：25,162,872 字节) 文件夹中还包含固件更新步骤文件 (含以下语言的多语言 PDF 文件：日语、英语、法语、德语和中文 (简体字))。更新固件之前，请阅读固件更新步骤文件。

执行固件更新需要以下项目：

1. 监视器单元
2. 个人电脑
3. USB 存储器 (FAT16 或 FAT32)
4. 固件 (下载的文件)

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■ linux kernel, busybox, SquashFS, JFFS2, FUSE

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■glibc, libfuse, avahi-autoipd

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