

视频监视器 DP-V2420 固件版本 1.4

固件变更的详细说明

本固件（版本 1.4）包含下列新增功能和性能改进。

1. 监视器现可支持直接导入 *.cube* 格式的 LUT 文件。
2. 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）。
3. “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。
4. “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
5. “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。
6. 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。
7. 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。
8. 新增“区域标记 2”。现可设置两个区域标记。
9. “网格标记”间隔设置中新增 80% (UHD) - 95% (UHD)。
10. “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。
11. 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。
12. 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。
13. “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。
14. 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。
15. 新增可保持本机按钮名称始终点亮的设置。
16. 改变了使用 Hybrid Log-Gamma (HLG) 作为自动系统伽马时的特性。
17. 新增电力节省功能。
18. 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。

请检查您的监视器固件版本。如果监视器运行版本为 1.3.1 或更早的版本，则应该更新为版本 1.4。如果监视器的固件为版本 1.4，则不需要更新。

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_dpv2420.rom”，文件大小：25,822,470 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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Version 2, June 1991

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■glibc, libfuse, avahi-autoipd

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■Newlib(libc)

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