

## 视频监视器 DP-V1711 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。
2. 修复了在运行固件版本 1.4 或 1.4.1 的显示器上使用直流电源的某些情况下，部分菜单画面显示有误这一故障。

请检查您的监视器固件版本。如果监视器运行版本为 1.4.1 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. 在提升模式下，全白亮度及峰值亮度已从  $600 \text{ cd/m}^2$  提升至  $1,000 \text{ cd/m}^2$ 。
2. 局部变暗期间，全白亮度及峰值亮度已从  $300 \text{ cd/m}^2$  提升至  $600 \text{ cd/m}^2$ 。
3. 在提升模式及局部变暗时的黑色亮度已降低至  $0.001 \text{ cd/m}^2$ 。
4. 监视器现可支持直接导入 .cube 格式的 LUT 文件。
5. 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。
6. Cinema EOS 电影摄影机<sup>\*4</sup>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）。
7. “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。
8. “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。  
\*5
9. “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。
10. 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。
11. 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。
12. 新增“区域标记 2”。现可设置两个区域标记。
13. “网格标记”间隔设置中新增 80% (UHD) - 95% (UHD)。
14. “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。
15. 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。
16. 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。
17. 新增“Marker 1/2/3”、“单色”、“仅蓝色”、“红色关闭”、“绿色关闭”及“蓝色关闭”功能，并可保存至“遥控(GPI)”下的各 GPI 针中。
18. “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。
19. 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。

- 20. 新增可保持本机按钮名称始终点亮的设置。
- 21. 改变了使用 Hybrid Log-Gamma (HLG) 作为自动系统伽马时的特性。
- 22. 新增电力节省功能。
- 23. 改善了其它操作及显示。

\*1 此处所述亮度值为出厂时的标准值，并不保证为性能值。

\*2 需要购买授权许可。仅在由交流电源向本机供电时适用。

\*3 仅在全屏幕显示为黑色时适用。

\*4 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)

\*5 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\_dp1711.rom”，文件大小：23,367,691 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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| • dhcpcd        | • hostapd      | • gzip                      |                  |

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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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