

视频监视器 DP-V1710 固件版本 1.3

固件变更的详细说明

本固件（版本 1.3）包含下列新增功能和性能改进。

1. 现在可以在屏幕内同时显示“波形监视器”和“矢量范围”。
2. 现在可以在两分屏或四分屏显示模式下使用“上”、“中”和“下(中心)”调整视频显示位置。
3. 已在 HDR/SDR 比较显示模式中添加 SDR 视频图像质量设置（对比度调整、色温、增益调整）。
4. 现在可以根据负载 ID 的转换特性（PQ/HLG/SDR）、位深和 ICtCp 自动切换显示图像质量设置。
5. 现在可以同步切换通过 LAN 连接的多台监视器的图像质量和频道设置。
6. 现在可以通过 LAN 在多台不同型号监视器之间导出和导入设置。
7. 现在可以对无信号或不支持的信号等输入信号错误以及不正确的 2-Sample Interleave(交替双取样)信号连接顺序进行警告显示。
8. 当使用四条 12G-SDI 电缆输入 8K 视频（交替双取样（2-Sample Interleave）信号）时，现在可以定期顺序切换和显示各输入终端的视频，并在非显示终端的视频信号不正确时显示警告。
9. 已添加在输入交替双取样(2-Sample Interleave)/3G-SDI Dual Link 信号时根据负载 ID 切换终端顺序排序 ON 和 OFF 的设置。
10. 已为“帧亮度监视器”添加使用层次来表示最高亮度内的亮度分布的“亮度画报”显示和表示 HDR 区域和 SDR 区域的亮度比的“HDR/SDR 比率画报”显示。
11. 现在可以将从“帧亮度监视器”获得的峰值和平均亮度值以及时间码输出到 USB 存储器。
12. 现在可以显示输入视频的亮度信号直方图。此外，可以显示 HDR/SDR 比例以及峰值和平均亮度，可以用与伪色彩所使用的相同颜色对 HDR 信号区域着色，并且可以用警告色对 HDR 范围或更高的区域着色。
13. 已改进“伪色彩”显示和操作性，例如添加了 HDR 区域和 SDR 区域亮度边界设置并可使用两种不同色彩进行 SDR 区域的彩色编码。
14. 已添加根据对比度值自动设定 HLG 信号系统伽玛的功能。
15. 已为“波形监视器”添加“大”、“中”和“小”显示尺寸设置。
16. 已为“矢量范围”添加“大”、“中”和“小”显示尺寸设置以及“75+100%”目标设置。此外，还添加了在 BT. 2020 YCbCr 信号输入期间将目标帧更改为 BT. 2020 位置的功能。
17. 已添加 GPI 控制类型设置。一些功能现在支持根据闭路/开路打开和关闭功能的电平控制，以及在闭路时刻打开和关闭功能的闭路边缘控制。
18. 已添加在 OSD 隐藏期间按下或移动（上/下/左/右或旋转）操控旋钮时显示功能列表的功能。此外，通过按下或移动（右）操控旋钮，可以从功能列表中选择功能并可以显示该功能的详细设置屏幕或可以执行该功能。
19. 已添加调整 OSD 亮度的功能。
20. 已为“音频电平指示器”添加调整亮度的功能。
21. 已为“标题”添加图像模式显示等显示设置。
22. 已为“分隔符”添加“一半”的功能。
23. 已添加可在缩放显示时以两分屏显示整个图像和放大图像的功能。
24. 已为“屏幕截取”添加创建 HDR/SDR 比较文件的功能。
25. 已添加通过访问点方式连接 Wi-Fi 的功能。
26. 已添加在通过 Wi-Fi 或 LAN 连接进行远程控制期间通过互联网执行 LUT 导入和设置导入/导出等操作的功能。

27. 已为“变形”添加“x1.8”设置。
28. 现在可以在“屏内显示(IMD)”中显示某些 TSL ver5.0 Unicode (日语/中文等)。
29. 已更改某些设置默认值，例如功能按钮默认值和 User4 模式“DCI PQ D65”等。
30. 增强了其它操作性能。

请检查您的监视器固件版本。如果监视器运行版本为 1.2.1 或更早的版本，则应该更新为版本 1.3。如果监视器的固件为版本 1.3，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_dpv1710.rom”，文件大小：22,853,914 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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■Newlib(libc)

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