

PRODUCT: QuadView® UHD 4K MULTIVIEWER
TITLE: VERSION 2.0.0.V RELEASE NOTES

DATE: 10 SEPTEMBER 2018

NEW FEATURES

This firmware release provides the following new features:

Select Audio Output Format: With this release, you can select either PCM stereo or PCM 7.1 audio output, using the command-line interface (CLI) `ATM 09 AUD_CHC W [0 | 1]` command.

Lock Front-Panel and Remote-Control Buttons: To prevent operation by unauthorized persons, this release provides the ability to lock the *QuadView UHD* front-panel and remote-control buttons. To do this:

- Press and hold the **WINDOW 2** and **WINDOW 3** buttons simultaneously until the **STANDBY** button blinks (two or three seconds). This action affects all buttons;
– OR –
- Use the CLI `ATM 09 KEY_LOK W [0 ... 2]` command (see below).

Note: Power-cycling the *QuadView UHD* unlocks the buttons.

New CLI Commands: This firmware release provides the following, new CLI control and query commands:

Function	Command	Feedback	Description
Report Audio Output Channel Count	<code>ATM 08 AUD_CHC R</code>	<code>08 AUD_CHC R</code>	Report audio output channel count setting. Example: PCM 7.1 <code>ATM 08 AUD_CHC R</code> <code>08 AUD_CHC R</code> <code>~AUD_CHC 0</code>
Report Key Lock Status	<code>ATM 08 KEY_LOK R</code>	<code>08 KEY_LOK R</code>	Report current Key Lock setting. Example: Key Lock off <code>ATM 08 KEY_LOK R</code> <code>08 KEY_LOK R</code> <code>~KEY_LOK 0</code>

Function	Command	Feedback	Description
Report Current Layout	ATM 08 SCR_LYT R	08 SCR_LYT R	Report currently-selected layout. Example: Layout 2 ATM 08 SCR_LYT R 08 SCR_LYT R ~SCR_LYT 02
Report Layout Button Assignments	ATM 08 LYT_MAP R	08 LYT_MAP R	Report current layout button assignments. Example: Buttons 1 through 4 -> Layouts 1 through 4 ATM 08 LYT_MAP R 08 LYT_MAP R ~LYT_MAP 01 02 03 04
Report Window/Input Pairs	ATM 08 VDO_IPT R	08 VDO_IPT R	Report inputs assigned to each window. Example: Window 1 (A) -> Input 5 Window 2 (B) -> Input 6 Window 3 (C) -> Input 3 Window 4 (D) -> Input 4 ATM 08 VDO_IPT R 08 VDO_IPT R ~VDO_IPT A5 B6 C3 D4
Report Current Audio Input	ATM 08 ADO_IPT R	08 ADO_IPT R	Report currently-selected audio input. Example: Input 6 ATM 08 ADO_IPT R 08 ADO_IPT R ~ADO_IPT 06
Report Volume Setting	ATM 08 VOL_CRL R	08 VOL_CRL R	Report current volume setting. Example: Volume = 10 ATM 08 VOL_CRL R 08 VOL_CRL R ~VOL_CRL 10
Report Output Timing	ATM 08 OPT_TIM R	08 OPT_TIM R	Report currently-selected output timing (resolution). Example: 1920 × 1080 @60 Hz (1080p) ATM 08 OPT_TIM R 08 OPT_TIM R ~OPT_TIM 3

Function	Command	Feedback	Description
Report Audio Delay Setting	ATM 08 AUD_DLY R	08 AUD_DLY R	Report current audio delay setting. Example: Audio Delay = 120 ms ATM 08 AUD_DLY R 08 AUD_DLY R ~AUD_DLY 3
Set Audio Output Channel Count	ATM 09 AUD_CHC W [0 1]	09 AUD_CHC W [0 1]	Set audio output channel count. 0: PCM 7.1 (8-channel) (default); 1: PCM Stereo (2-channel) Note: You must power-cycle the <i>QuadView UHD</i> after changing this setting for it to take effect.
Key Lock/Unlock	ATM 09 KEY_LOK W [0 ... 2]	09 KEY_LOK W [0 ... 2]	Lock or unlock the front-panel and remote-control buttons. 0: Unlock all buttons; 1: Lock the STANDBY and OUTPUT RESOLUTION buttons only; 2: Lock all buttons. Note: Power-cycling the <i>QuadView UHD</i> unlocks the buttons.

RESOLVED ISSUES

- Corrected issue that caused the *QuadView UHD* to output a 1280 × 800 @ 60Hz signal when the output resolution was set to 1280 × 1024 @ 60Hz. (6840)

KNOWN ISSUES AND WORK-AROUNDS

The following are known issues with this release:

- The CLI **ATM 09 AUD_OPT W [0 | 1]** command (mute/unmute audio) affects both embedded HDMI and external (analog) audio. (6828)
- Changing the serial port baud rate using either the CLI **ATM 09 BAU_RAT W [1 ... 7]** command or the *QuadView UHD Web Controller* ends any active Telnet session. If you encounter this issue, start a new Telnet session. (6826)
- When you specify an invalid parameter (layout number) in a CLI **ATM 0A SCR_LYT W [01 ... 10]** or **ATM 0A LYT_MAP W [1 ... 4] [01 ... 10]** command, the *QuadView UHD* returns an error message that states an incorrect parameter range. Disregard this message; instead, use the hexadecimal values **01** through **10** inclusive to specify a layout number. (6819)
- When Layout 1 is active, routing an input to Window 1 may also cause that input to be routed to Window 2. If you encounter this issue, re-route the desired input to Window 2. (6818)

FIRMWARE UPDATE

Please refer to the *QuadView UHD 4K Multiviewer User's Guide* for detailed firmware update instructions.

PLEASE NOTE: If your *QuadView UHD* has a firmware version earlier than 2.0.0.R, you first must update the firmware to version 2.0.0.R. Then, update to version 2.0.0.V and *QuadView UHD Web Controller* version RGB_1.11_CL1228.

FIRMWARE AND GRAPHICAL USER INTERFACE (GUI) VERSIONS

Firmware

- **2.0.0.0.V_CL1240**

QuadView UHD Web Controller GUI

- **RGB_1.11_CL1228**

FOR MORE INFORMATION

For detailed *QuadView UHD* installation and operating instructions, please refer to the *QuadView UHD 4K Multiviewer User's Guide*.