

**Release Note**

Product	TR-4616/TR-4616R/TR-2616/TR-2608/TR-2604
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**F/W Version : 9.1.5(2025-12-30)**

No	Type	Content	Note
HELA-3951	Improvement	Enhanced Disk Performance Manager functionality	Reinforced to prevent recording data loss even when the system is under full-load conditions.
HELA-3912	Improvement	The term "TVI" in the upgrade notification message has been changed to "Recorder."	"Do you want to install the following package? After the upgrade, %s will reboot, and recording will be interrupted during this time."  → The placeholder %s, which was previously displayed as "NVR" or "TVI" depending on the recorder model, has been unified to "Recorder" to collectively refer to both NVR and Hybrid products, and updated to support multilingual translation.
HELA-3880	Bug	Fixed an issue where some channels were not recorded when SD-grade video (PAL) was input through a distributor.	
HELA-3851	Bug	Fixed an issue where the Status window in the menu could not be opened using the front key.	
HELA-3799	Bug	Fixed an issue where audio was played back when replaying a saved clip by a user without audio permission.	
HELA-3766	Improvement	Added Mirroring FW Upgrade and Auto Rebuild features.	
HELA-3762	Improvement	Improved the operation of the Spot output function.	Added Setup → Display → Spot Monitor - Press the "+" button to configure Screen Format and Channels (change channels by clicking each pane with the mouse). - Title can be modified (default: Layout + number). - Can be enabled/disabled via checkbox (only enabled items are displayed in Live view). - Configuration is also available in Remote Setup. - The first item is fixed to the default resolution and cannot be deleted or disabled.  Live Mouse Context Menu - Added Spot Monitor - Camera List: Switches to full-screen view. - Layout: Switches to the layout configured in the Spot Monitor page.
HELA-3760	Improvement	Added "Show Password" button	
HELA-3759	Improvement	Applied audio playback permission for local search	Audio playback in local search is now restricted to users with audio permission, and the permission label has been changed from "Audio (Live)" to "Audio".
HELA-3758	Improvement	Added recording type display when right-clicking recorded data on the timeline.	When right-clicking recorded data with the mouse, the recording type is displayed in the format "02:26 (Type: Event + Time)".
HELA-3756	Bug	Fixed an issue where audio did not function during Clip Copy.	
HELA-3755	Improvement	Improved the Event Settings page.	Improved the configuration pages for additional events (Alarm In, Network Alarm, and Text In).

HELA-3754	Improvement	Improved the year/month selection method in the calendar UI.	Previous: Year/month could only be changed one step at a time using left/right arrow buttons. Improved: Year and month are now displayed in a list format, allowing selection at once.
HELA-3753	Bug	Fixed an issue where hardware information was displayed incorrectly in the IDIS Center "Operation Status"	
HELA-3736	Improvement	Displays a warning message when attempting to register IP cameras beyond the maximum registration limit.	
HELA-3677	Bug	Fixed an issue where Video Loss On/Off events were not properly detected on the Spot Monitor.	
HELA-3647	Improvement	Added 2FA (Two-Factor Authentication) feature	
HELA-2766	Bug	Fixed an issue where the background image for Video Loss differed between 2M and 5M cameras.	This update applies only to models TR-2604, TR-2608, and TR-2616.
HELA-2744	Improvement	Improved the product naming for analog cameras.	Changed "IAE(1)" to "Analog CAM."

