

Release Note of huperAnalyzer v2021.0521

by July 14, 2022

Installer File of huperAnalyzer v2021.0521

HV171bB210521-huperAnalyzer.exe

Installation Steps

1. Close Site Server.
2. Uninstall the current installed version of huperAnalyzer.
3. Open the installer of huperAnalyzer v2021.0521 by executing the file “HV171bB210521-huperAnalyzer.exe”. Follow the guided steps of the installation wizard to complete the installation.
4. Open Site Server.

New Functions and Fixes

Site Server

Item	Description
New Functions	<ol style="list-style-type: none"> 1. To display the video of 3D cameras' right lenses, set the statement “3D_RightLive=1” in the file “LiveTag.ini”. 2. Able to set the channel names of digital outputs in the file “SSDimensionAnalyzerSetup.ini”. 3. To enable the NTP service, set the statement “EnableNTPService=1” in the section “[InternetTime]” in the file “SSDimensionAnalyzerSetup.ini”. 4. To synchronize with the NTP server in minutes regularly, set the statement “SyncIntervalHour=X” in the section “[InternetTime]” in the file “SSDimensionAnalyzerSetup.ini”, where X is a decimal. X is 1.0 for representing 60 minutes, 0.5 for 30 minutes, etc. 5. Auto set the Windows Time (w32time) service as “auto” to prevent being disabled by users manually. 6. The performance is improved for operating the event list. 7. Launch the Record Player from the backed-up pack automatically when users want to view video records in the backed-up pack. 8. Able to export an event record in the event list to a “*.mp4” file. 9. To export an event record of a 3D camera containing the left lens' video only, set the statement “MP4Export3DCropHalf=1” in the section “[Functionality]” in the file “SSDimensionAnalyzerSetup.ini”. 10. Adds the new tab of “Schedule” to the Preference dialog box for arranging schedules of video recording and camera connection.

Item	Description
Fixes	<ol style="list-style-type: none"> 1. The video of 3D cameras' left lenses did not display on the setting UI of 3D video analytics even though the statement "3D_FullLive=1" was set in the file "LiveTag.ini". 2. After logging out, users could still operate the setting UI of the video analytics. 3. Site Server might crash after adding a new event in the event list. 4. Events with the same start time might list on the event list in wrong order. 5. Clicking an event from the event list might crash Site Server. 6. Changing captions of video might crash Site Server. 7. The event list showed event records that had been recycled. 8. Site Server might hang after being idle for more than one day. 9. If the number of Site Server was more than 2, the event reporting and video recording might delayed for up to 5 seconds. 10. The video preview of an event record was still on display even though the event has been deleted from the event list. 11. After logging out, users could still display and replay an event record. 12. Private masks weren't displayed on the setting UI of 3D video analytics.

Record Player

Item	Description
Fix	<ol style="list-style-type: none"> 1. Displayed video records older than the recycle time.

Backup Scheduler

Item	Description
Fix	<ol style="list-style-type: none"> 1. Could not run Record Player in the backed-up pack to search/replay video record in the same pack.

LiveMon

Item	Description
New Function	<ol style="list-style-type: none"> 1. Reset video frame counts after Site Server restarts.
Fixes	<ol style="list-style-type: none"> 1. When an IVS server machine had more than one 4804-me video capture cards installed, the video frame counts of the channel 5~8 were all 0. 2. The video frame counts of all channels were 0 in the launching period of Site Server.

Capacity Manager

Item	Description
New Functions	<ol style="list-style-type: none"> 1. Able to adjust the inflow, outflow, and capacity counts manually. 2. Able to retry the retrieving of count data.
Fix	<ol style="list-style-type: none"> 1. The Reset button didn't work.

3D Tailgating Detection

Item	Description
New Functions	<ol style="list-style-type: none"> 1. Able to adjust the sizes of texts and detection lines. 2. After an object with authentication has vanished, the object closest to it inherits its authorization. 3. If the detection result of an object is unstable, the object will be merged with another object. 4. Able to set the minimum distance (in pixels) after passing the detection line to issue an even. 5. Add the standard variance of depth data as an additional criterion for event triggering. 6. In Disinfection mode, disinfection isn't required when people leave. 7. The object staying in the authorization zone longest receives the new authorization when multiple objects are inside the authorization zone. 8. Don't apply the pass-line detection on moving objects that appear for a very short time.
Fixes	<ol style="list-style-type: none"> 1. A false alarm might be created when an object that had passed the detection line was merged with another object in front of the detection line. 2. False alarms might be created by objects staying right at detection lines. 3. Objects with smaller standard variances of depth data might create false alarms when they had disappeared. 4. Inhuman objects might create false alarms after an object has gotten authorization. 5. Couldn't show the Apply and Cancel buttons completely on the setting UI.

3D People Counter

Item	Description
Fixes	<ol style="list-style-type: none"> 1. The function of auto-background-updating might be closed accidentally. 2. The showing/hiding of the detection area frame could not be remembered. 3. Within a scheduled period with 3D People Counter disabled, the change of the setting "Enable daily counter reset" couldn't be remembered. 4. The FPS might be wrongly calculated. 5. Count numbers were overlapped with flow arrows of detection lines.

3D Virtual Fence

Item	Description
Fix	<ol style="list-style-type: none"> 1. The frame rate information might be wrongly calculated.

3D Stop/Fall Detection

Item	Description
New Function	<ol style="list-style-type: none"> 1. To show frame rate information, set the statement "ShowFps=1" in the file "Setting##.ini" file, where "##" is "00" for the 1st 3D camera, "02" for the 2nd one, "04" for the 3rd one, etc.

3D Area Counter

Item	Description
Fix	1. Unable to validate the valid range of the option "Min distance".