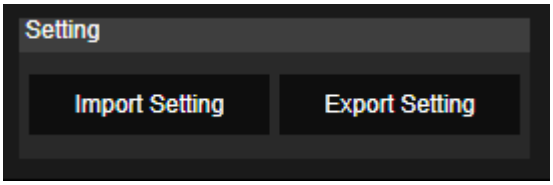
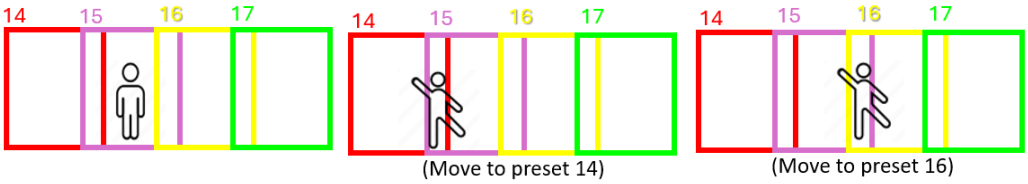
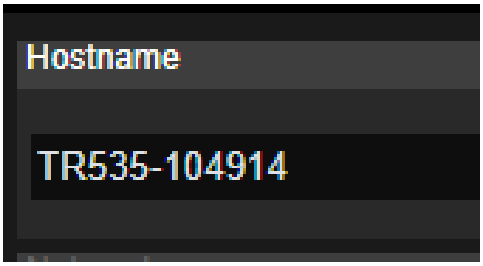
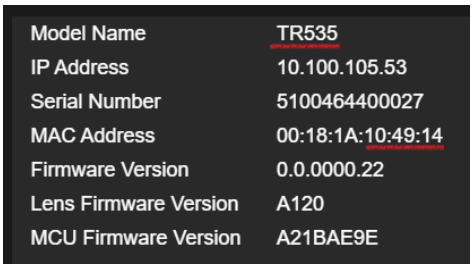
Release note

Product:

Dual Lens Tracking Camera: TR535/TR535N

FW version	**V0.0.0000.22**
Release date	2024/10/18
New Feature	1. Enable the ability to import and export the settings of the TR535N through the webpage. 
Improvement	1. Bug fix: When the presenter moves to a new area boundary, the camera follows accordingly.  2. Bug fix: Adjust the pan speed in Hybrid mode so that when the presenter moves out of a preset area, the pan speed adapts to follow the presenter's movement accordingly. 3. Bug fix: Improve shield zone performance. 4. Redefine the hostname logic to use the model's name combined with the last 6 digits of the MAC address. **Note**: When upgrading an existing TR535 camera to FW V22, the hostname will remain unchanged. However, once the "Default" option is executed on the OSD, the hostname will update to the model name combined with the last 6 digits of the MAC address.   5. **Stream Video Output**: Change the default Bitrate setting from 4Mbps to "Auto" to improve video quality. **Note1**: When upgrading an existing TR535 camera to FW V22, the Bitrate setting will remain unchanged. However, once the "Default" option is executed on the OSD, the Bitrate will be updated to "Auto."

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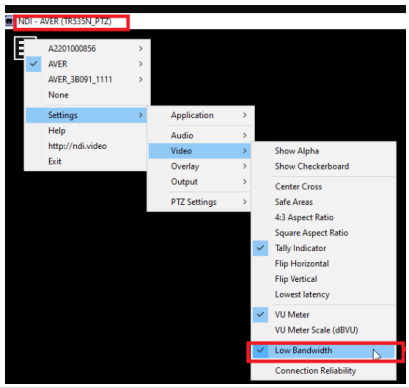
Note2: The default "Auto" Bitrate will be configured according to different resolutions as shown in the following table.

	Non-NDI Theme mode			NDI Theme mode		
Resolution	60FPS	30FPS	<30FPS	60FPS	30FPS	<30FPS
2160p	**H265:32M** **H264:64M**	**H265:16M** **H264:32M**	H265:8M H264:8M	H265:56M H264:56M	H265:56M H264:56M	H265:56M H264:56M
1080p	H265:16M H264:16M	H265:8M H264:8M	H265:4M H264:4M	H265:40M H264:40M	H265:40M H264:40M	H265:40M H264:40M
720p	H265:8M H264:8M	H265:4M H264:4M	H265:2M H264:2M	H265:24M H264:24M	H265:24M H264:24M	H265:24M H264:24M
540p	H265:8M H264:8M	H265:4M H264:4M	H265:2M H264:2M	H265:20M H264:20M	H265:20M H264:20M	H265:20M H264:20M
480p	H265:4M H264:4M	H265:2M H264:2M	H265:1M H264:1M	H265:12M H264:12M	H265:12M H264:12M	H265:12M H264:12M
360p	H265:2M H264:2M	H265:1M H264:1M	H265:512K H264:512K	H265:12M H264:12M	H265:12M H264:12M	H265:12M H264:12M

6. Support Low Bandwidth (640X360) of NDI Studio Monitor.



Known issue

1. We recommend using the Chrome browser for configuring webpages.
2. HTTPS: Enable HTTPS to establish a secure connection between the browser and the camera. To enable HTTPS, please follow the steps below.
   A. Obtain an SSL certificate in base-64 encoding format for encryption and decryption, and a private key in PKCS#8 format (must be unencrypted).
   B. Convert the required certificate content into PEM format. The SSL certificate uploaded to the camera must be in PEM format.
   C. In the HTTPS settings field, select "On", then click "Choose File" to select the certificate file, and then click "Upload".
3. The TR535 is not compatible with Mac O.S 11

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FW version	V0.0.0000.18
Release date	2024/8/5
New Feature	None. (this is 1st FW release of TR535/ TR535N)
Improvement	7. ZONE mode AI tracking will be more accurate if the AI tracking target crosses the zone boundary, causing the camera to move to that zone. This is an improvement over single lens tracking cameras, where if someone crosses the zone boundary, the camera follows the target to the new zone. In the TR535, the AI camera only follows the AI target into the new zone.
Known issue	4. We recommend using the Chrome browser for configuring webpages. 5. HTTPS: Enable HTTPS to establish a secure connection between the browser and the camera. To enable HTTPS, please follow the steps below. D. Obtain an SSL certificate in base-64 encoding format for encryption and decryption, and a private key in PKCS#8 format (must be unencrypted). E. Convert the required certificate content into PEM format. The SSL certificate uploaded to the camera must be in PEM format. F. In the HTTPS settings field, select "On", then click "Choose File" to select the certificate file, and then click "Upload". 6. The TR535 is not compatible with Mac O.S 11

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