SightTracker PTZ Release Notes

Feb 13, 2024 Release

The latest release of 17.0 firmware for the SightTracker PTZ contains minor video quality and stability fixes.

Device Firmware - 17.0.161

- **Streaming:** Improved buffer performance for RTSP TCP streaming. Users should see fewer video glitches.
- **Stability:** Fixed theoretical boot loop condition if flash corruption occurs.

Jan 9, 2024 Release

The latest release of 17.0 firmware for the SightTracker PTZ.

Device Firmware - 17.0.146

- **Autofocus:** Improved autofocus behavior in low light or low contrast scenes.
- **Auto-Track Timeout:** Adds 'Auto-Track Timeout' to PTZ Tracking Behavior tab. This is the timeout to linger on neural network targets when no SightSensor track target is available. When 'Auto-Track Timeout' is active, the default video overlay will display "ST-Dwell".
- **RTSP Authentication**: Adds the ability to require a password on the RTSP stream. There is now an 'Anonymous RTSP Streaming' option to MPEG/JPEG tab, which, If checked (default) the RTSP video can be viewed without a password. If unchecked the ONVIF Access username and password is required to view RTSP video.
- **Fix ONVIF absolute move regression**: ONVIF absolute move and GetStatus should now work as expected.
- **New ONVIF PTZ Auxiliary "FollowHere"**: Exposes a new ONVIF Auxiliary command FollowHere which will initiate auto tracking similar to an absolute move.

Sept 26, 2023 Release

The latest release of 17.0 firmware for the SightTracker PTZ includes significantly improved tracking and following behavior.

Device Firmware - 17.0.133

- **SightMonitor Incompatibility:** SightTracker PTZ works with WebConfig and SightMonitor II, and is not compatible with the "Classic" Java-based SightMonitor. An attempt to add the PTZ to Classic SightMonitor would produce a reboot loop that prevented factory default behavior. This firmware fixes this issue by blocking the ability to add SightTracker PTZ to the Java-based SightMonitor.
- **AI-based tracking:** Adds a 1% "dead zone" around the image center. Improves positioning when tracking multiple targets. Adds a Target Priority "Neural Network" to WebConfig PTZ section.
- **Smoother Pan/Tilt motion:** Improve the smoothness of pan/tilt moves, especially for neural network-based targets.
- **Timezone fixes**: Some time zones were causing the camera to default to GTM. Please check your time zone.
- **Low temperature:** Automatically warms the camera when internal temperature is below freezing.

June 30, 2023 Release

The latest release of 17.0 firmware for the SightTracker PTZ includes the following.

Device Firmware - 17.0.40

- **Stability fix:** An issue caused the webpage to stop responding after 10 days of uptime. The PTZ would then need to be manually rebooted. 17.0.40 fixes this issue and the PTZ may need a manual reboot in order to upgrade.
- **PTZ Live View zoom improvements:** SightTracker PTZ live view page should be more responsive to mouse wheel zoom commands.

- **PTZ Live View streaming after refresh:** SightTracker PTZ live view page should not stream while other tabs are active. Before release 17.0.40 if the user refreshed the web page while on another tab the live view would start streaming in the background.

May 18, 2023 Release

The latest release of 17.0 firmware for the SightTracker PTZ includes the following.

Device Firmware - 17.0.35

- **Factory Defaults button fix:** An issue affecting the Factory Defaults button behavior was resolved.
- **Camer Neighborhood uptime fix:** SightTracker PTZ cameras will now show correct uptime in other devices displayed in the Camera Neighborhood WebConfig page.
- **Openeye camera proxy:** Backported changes were made to allow Openeye to proxy the PTZ's WebConfig pages.
- **WebConfig Bitrate fix:** Bitrate can now be changed in WebConfig.
- **ONVIF Absolute Move:** Initial support has been added for Absolute Move command via ONVIF. This has been tested against the ONVIF device manager.