FlightLens™ Player 1.0

FlightLens™ Player Map

FlightLens™ Player Controls

FlightLens™ Player Metadata

Increase your base station situational awareness, operational range, video capabilities and overall mission effectiveness with FlightLens™ Player.

Key Features

FlightLens™ Player, a ground-up redesign of our prior remote vehicle video player*, has the following mission-enhancing features:

- Improved, user-friendly situational awareness console for mission effectiveness
- Built-in, offline, vector-based geographic information for high portability
- Robust video data error handling for improved range and reliability
- Integrated Live Digital Video Recorder (DVR) with mission instant replay/pause/rewind
- Live or archived video conversion and distribution
- Snapshot mark-up, annotation and transmission tools help to clearly communicate during missions
- Built-in compatibility with major video, audio, and metadata streaming standards
- Reduced mission video configuration and setup time for quick deployments
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Product Description

FlightLens™ Player base station software provides unprecedented situational awareness through a robust video management platform. The newly improved, user-friendly situational awareness console gives the user broad awareness via video tiling, peripheral awareness via video thumbnails, and built-in, offline, vector-based geographic information for simultaneous mapping of the base station location, remote vehicle location and remote vehicle’s video footprint.

Robust video player data error handling improves mission capabilities by increasing remote vehicle range, preventing remote vehicle loss and avoiding aborted missions. FlightLens™ Player does this via robust algorithms that automatically manage data corruption and packet loss, display available video data as long as possible, avoid codec crashes and promptly reacquire partial or complete video streams. This robustness overwhelmingly outperforms other streaming video player solutions.

FlightLens™ Player now comes with an integrated Digital Video Recorder (DVR) with Instant Replay/Pause/Rewind that provides control over critical video intelligence during live missions, or when reviewing archived video. Live or archived video conversion (trans-coding) and distribution (recording, forwarding, or re-streaming) provides the ability to control bandwidth and manage distribution to command/control or other audiences. Snapshot mark-up, annotation, and transmission tools help to clearly communicate visual messages during missions.

Mission configuration and setup time are reduced with built-in compatibility with major video, audio and metadata streaming standards (see below) and with automatic detection and display of live video streams using Session Announcement Protocol (SAP) and pre-configuration of known video streams.

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