



## REVIEW

Observant Innovations has created REVIEW, a software application that provides the best possible user experience for 360° imagery



## Review and analysis of 360° panoramic imagery

### KEY FEATURES

- Simplified visual interface
- Intuitive virtual Pan, Tilt and Zoom controls
- Single and multiple independently controllable Virtual PTZ FoV of interest
- Click minimized search and select tools
- Timeline playback from frame to frame
- Touch Screen enabled

### KEY ACRONYMS

- PTZ: Pan, Tilt and Zoom
- FoV: Field of View

### The Challenge

Using panoramic imagery can be difficult. A wide flat canvass showing an unwrapped 360° field of view can easily be disorientating. Professional users must be able to locate and analyse video content easily if the benefits of panoramic surveillance devices are to be realised.

### The Solution

Observant Innovations has developed a software application to provide the best possible user experience.

The Observant REVIEW application, designed specifically for the PATROL 360° camera provides a fully immersive environment for playback and analysis of panoramic data.



Above: The PATROL 360° camera is a vehicle mounted panoramic surveillance camera. Designed for police, emergency services and professional services applications.

Screen layout tool bar

Multiple FoV of Interest

These can be selected with a single click on the panoramic strip below



Timeline & Playback

Visual searching and playback control is simplified with an interactive timeline

The Panoramic Selection Strip Shows the full 360° recorded image

Single virtual PTZ FoV of Interest & Full 360° panorama



180°/180° Front and back split views



Multiple virtual PTZ FoV of Interest & Full 360° panorama



3D Cylindrical & Full 360° panorama



Single virtual PTZ FoV of Interest



Original archived image



The Review applications Timeline is used to choose a moment in time in an image archive. The Timeline is divided into time-steps. Active time-steps are shaded to show that there are images in the archive which were recorded during that time period. Time-steps are black where there are no images.

The Date & Time fields below the Timeline show the moment in time that is being displayed, i.e. the moment that the displayed image was captured.

The individual Year/Month/Day/Hour/Min/Second fields are also used to denote and control the size of the time-steps in the Timeline.