



360° Panoramic Surveillance Cameras

FEATURES

- 360° panoramic imagery
- Up to 4 HD virtual PTZ views
- IP or USB3 connectivity
- High Mega Pixel sensor
- ONVIF PTZ compatible
- Web browser access for non-ONVIF deployments
- Streaming H264 (including VR format)
- Powered by PoE or USB
- Image archiving
- Analytics 'Ready'
- Rugged, IP67 form factor
- No image distortion or 'stitching'

ADVANTAGES

- Captures everything, in all directions, all of the time
- Built to withstand tough environmental and usage conditions
- Assists situation reconstruction

BENEFITS

- Greater impartiality
- Improves understanding
- Generates public reassurance
- Supports accountability
- Improves performance
- Aids dispute resolution

Observant Cameras

Observant designs and makes single image 360° panoramic cameras.

The cameras enable high-resolution visual documentation of everything occurring in their vicinity, ensuring that nothing is missed.

SENTRY is designed to fit seamlessly into standard CCTV infrastructure.

PATROL is a vehicle mounted camera: "Body Worn Video" for a vehicle.

The Challenge

All too frequently, even in an environment cluttered with CCTV and consumer video camera devices, vital evidence is missed.

Often cameras are pointing in the wrong direction and what video is available fails to reflect the true, or the complete nature of the situation.

The Solution

Observant's cameras have a "lighthouse" Field of View. The vital contextual environment is fully captured to ensure a thorough situational understanding.



SENTRY is approximately 370mm tall and weighs 3.50kg

Observant
I N N O V A T I O N S



360° Panoramic Surveillance Cameras

Virtual Pan-Tilt-Zoom

The cameras do not have any physical moving parts. They provide very high mega pixel imaging which allows for software enabled PTZ functionality, where the camera digitally zooms and pans into one or more 3D panoramic view portions of the imaging. These views are controlled by the digitally functional equivalent of pan, tilt and zoom, and are used to provide the content for the streaming of one or more Virtual PTZ (vPTZ) cameras.

Virtual "Nest" of PTZ Cameras

Multiple RTSP H264 encoded streams simultaneously provide independent vPTZ cameras.

SENTRY currently streams 3D spherical 360° panoramic virtual PTZ imaging. Other options and formats such as those featured with the PATROL camera, will be made available in response to defined operational requirements.

Custom Solutions

Observant's optical designs and image handling software can be easily configured into special purpose solutions in custom form factors.

Planned future cameras include a dome form factor camera with a hemispherical field of view, suitable for deploying on ceilings, or in weather-proof form under UAVs.

REVIEW

Reviewing the recorded images is simple with the free to use, highly intuitive, REVIEW software application. With versatile screen layouts, powerful timeline search and player controls, this tool simplifies investigation and incident analysis.

REVIEW provides instant local or networked timeline access for real-time playback of live and previously acquired archives. Clips within an archive can easily be identified and exported.

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