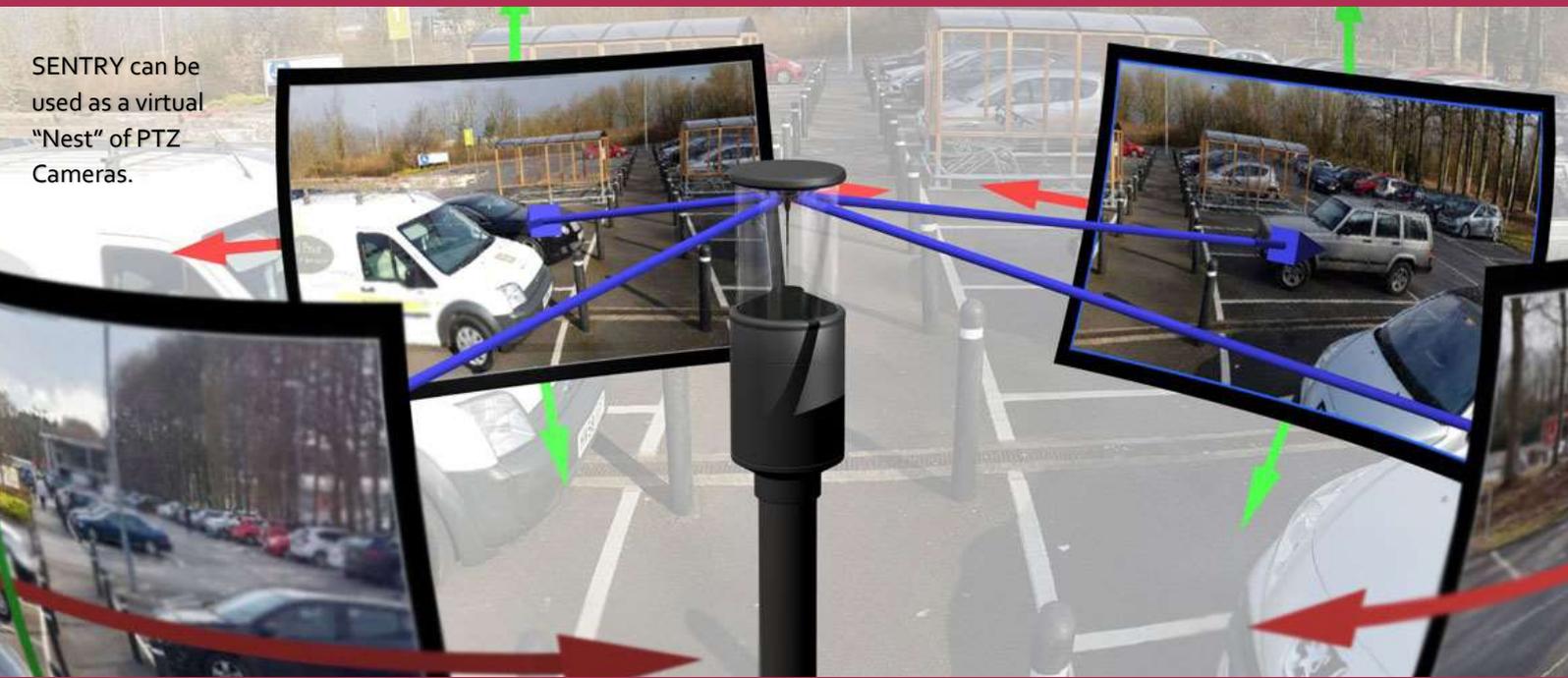SENTRY can be used as a virtual "Nest" of PTZ Cameras.

SENTRY

360° Panoramic Surveillance

FEATURES

- 360° panoramic imagery
- Up to 4 HD virtual PTZ views
- IP connectivity
- High Mega Pixel sensor
- ONVIF PTZ compatible
- Web browser access for non-ONVIF deployments
- Streaming H264 (including VR format)
- Powered by PoE
- 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

The Sentry Camera

The SENTRY Camera System is a 360° panoramic IP video camera.

SENTRY enables high-resolution visual documentation of everything occurring in its vicinity, ensuring that nothing is missed. SENTRY is designed to fit seamlessly into standard CCTV infrastructure.

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

SENTRY has 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 approximately 3.50kg.

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REVIEW

Networked timeline access to an in-camera image archive with 6 3D vPTZ, and an over watch 360° panorama.
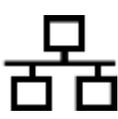
SENTRY
360° Panoramic Surveillance

Virtual Pan-Tilt-Zoom

SENTRY does not have any physical moving parts. It provides 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.

The practical digital zoom limit is reached when increasing the zoom factor no longer reveals further useful detail in a vPTZ image. For typical viewing conditions, SENTRY provides up to 10x digital zoom.

Virtual "Nest" of PTZ Cameras

SENTRY can be used as a "nest" of up to 8 virtual vPTZ HD cameras through an ONVIF compatible Video Management System, or through Observant's own monitoring and reviewing software.

Multiple RTSP H264 encoded streams simultaneous provide independent vPTZ cameras.

An essential sub-set of ONVIF Profile S has been developed specifically to cover these SENTRY camera requirements, and which provides sufficient functionality for connection to mainstream VMS platforms, with minor manual configuration steps.

Sentry currently streams 3D spherical 360° panoramic virtual PTZ imaging. Other options and formats will be made available in response to defined operational requirements.

Bandwidth Requirements

The streaming functionality of the SENTRY is completely under software control. This gives exceptional flexibility when it comes to configuring SENTRY to meet a customer's operational requirements.

The number of feeds that can be streamed are limited by the communications bandwidth available and the sum of the bandwidth required for all the active individual feeds.

In-Camera Image Archiving

SENTRY can be configured to stream and locally archive, and our PC REVIEW application provides instant networked timeline access to real-time live or pre-recorded archive playback. Clips within an archive can easily be identified and exported.

IP 67   **PoE**   **Streaming**

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