Sentry Chroma

SentryScope is the highest resolution surveillance system in the world Providing up to 21 million pixels per image. Now, SentryChroma adds a powerful additional tool for real-time forensic video analysis.Two advanced cameras utilising colour fusion technology SentryChroma comprises of a three Megapixel colour camera mounted with SentryScope viewing the same wide 90° area. The two image streams run simultaneously over separate Ethernet connections to a single SentryServer for storage and review. Clicking an icon switches from one surveillance record to the other, displaying the corresponding video from the same time and location. Complex events can be quickly analysed in ultra-high-resolution or in colour at a fast frame rate. SentryChroma can be added to new or existing SentryScope installations.The dual-camera advantage

SentryScope is totally unmatched in its ability to provide clear images of faces and vehicle number plates while monitoring large areas. This ultra-high resolution requires black and white operation at a relatively low frame rate. SentryChroma fills in the missing information, providing the colour of vehicles and clothing, plus the details in fast moving scenes. A complete audit trail is provided for the security professional.Intuitive, easy-to-use display tool

SentryWare, the software package running onSentryServer, aligns the two video records by time and image location. Colour, fast motion analysis, and ultrahigh-resolution information are fused in a single easy-to use interface. All of the SentryScope image enhancement controls can also be used with the colour images. Training is a easy, persons familiar with SentryScope can start using SentryChroma immediatelyCapture all of the details, all of the time

Unlike PTZ cameras that must be manually controlled by an operator, SentryScope and SentryChroma continually record the entire 90° region. Nothing is missed even if the operator is absent or distracted. The ultra-high resolution and fast motion sequences are always available, regardless whether event is being viewed live or days after the incident. Manned or unmanned, nothing gets past SentryScope and SentryChroma.

SpecificationsImage resolution: 2,048 x 1,530 native pixels, cropped to match the selected SentryScope field-of-view.Image rate: User adjustable from 2 to 12 frames/second.Image storage: Typically 120 Gbytes/day required for continuous recording of both image streams at 8 frames/second colour. About 7 days recording on 1 Tbyte storage.Light level: Internal AGC adjusts sensitivity from street-light illumination (1.5 lux) to bright sunlight.Focusing: Automatic or manual focusing, controlled remotely from the operator station.Connectivity: Uses a dedicated Fast Ethernet connection between the camera and SentryServer (CAT5 cable, fibre optic connection or high-speed wireless).Electrical: 18-24 VDC, 1A; connects to the 120/240v 50/60Hz power supply provided with SentryScope. Operating temperature: Standard internal heater allows operation from -55° to 50°C (-67° to 122°F)