Sentry*Chroma*™

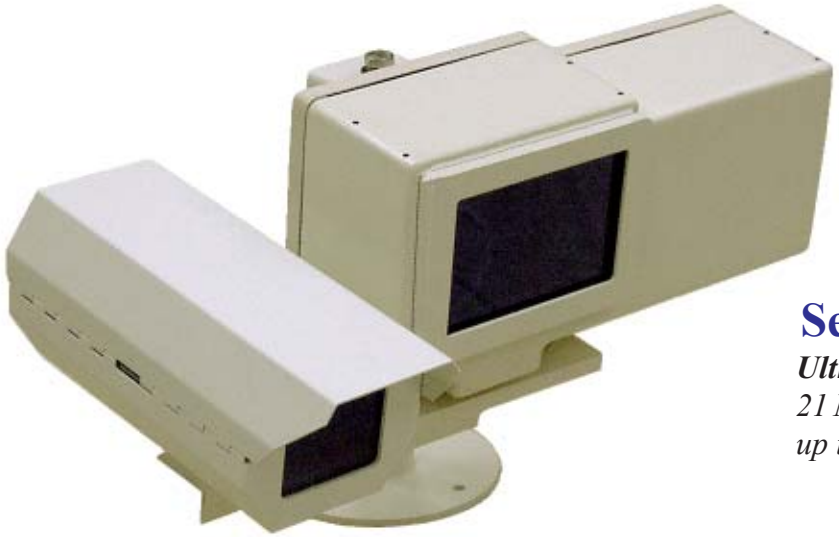
Color and Fast Frame Rate for Sentry*Scope*™ Cameras

Sentry*Scope* is the highest resolution surveillance camera in the world, providing up to 21 million pixels per image. Now, Sentry*Chroma* adds a powerful second tool to real-time and forensic video analysis.

SPECTRUM San Diego, Inc.

Two advanced cameras plus data fusion

Sentry*Chroma* is a separate three Megapixel color camera mounted next to Sentry*Scope* and viewing the same wide area. The two image streams run over separate Ethernet connections to a single Sentry*Server* 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 analyzed– in ultra-high-resolution, color, and at a fast frame rate. Sentry*Chroma* can be added to new or existing SentryScope installations.



Sentry*Scope*

Ultra-High Resolution

21 Megapixel; B/W

up to 2 frames per second

Sentry*Chroma*

Color; Fast Frame Rate

3 Megapixel; full color

2 to 12 frames per second

"The Best of Both Worlds"

The dual-camera advantage

Sentry*Scope* is unmatched in its ability to provide clear images of faces and license plates while monitoring large areas. This ultra-high resolution requires black and white operation at a relatively low frame rate. Sentry*Chroma* fills in the missing information, providing the color of vehicles and clothing, plus the details of fast moving scenes, such as the activity of the hands. Complete information is provided for the security professional.

Powerful, easy-to-use display tools

Sentry*Ware*, the software package running on Sentry*Server*, aligns the two video records by time and image location. Color, fast motion analysis, and ultra-high-resolution information are fused in a single easy-to-use interface. All of the Sentry*Scope* image enhancement controls are also used with the color images. Training is a snap; persons familiar with Sentry*Scope* can start using Sentry*Chroma* with virtually no training.

Capture all of the details, all of the time

Unlike PTZ cameras that must be manually controlled by an operator, Sentry*Scope* and Sentry*Chroma* continually record the complete region. Nothing is missed, even if the operator is absent or distracted. The ultra-high resolution and fast motion sequences are always available, regardless if the event is being viewed live or days after the fact. Manned or unmanned, nothing gets by Sentry*Scope* and Sentry*Chroma*.

SentryChroma Specifications

Image 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 color. 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, fiber 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)*

Preliminary specifications; subject to change without notice. Protected by U.S. Patent 6,757,008; other patents pending. SentryScope, SentryChroma, SentryWare, and SentryServer are trademarks of Spectrum San Diego, Inc.

VISIT WWW.SENTRYSCOPE.COM FOR MORE INFORMATION

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