

Sarix[®] TM Series Thermography IP Cameras

IP THERMAL CAMERA WITH FIXED ENCLOSURE OR INTEGRATED PAN/TILT SYSTEM

Product Features

- Fixed or Pan/Tilt (PT) Options
- Built-in Thermography Analytics and Alarms
- Temperature Monitoring Event and Metadata Streaming
- Minimum/Maximum/Average Temperature Algorithms
- Auto Environmental Compensation and Correction
- Up to 16 User-Defined Alarm Zones for Each Profile
- Integration with Major Video Management Systems
- Uncooled, Sun-Safe, Amorphous Silicon Microbolometer
- Long Wave Infrared (LWIR)
- 384 x 288 Resolution
- 25 µm Pixel Size
- Multiple Lens Options
- Complete with Sun Shroud and Heater/Defroster
- Meets NEMA Type 4X and IP66 Standards



The **Sarix[®] TM Series** thermography IP camera is an advanced thermal imaging camera designed for easy integration into any new or existing video security application. The camera provides predictive maintenance and process monitoring capabilities by detecting temperature fluctuations in user-defined areas. Every **Sarix TM Series** camera features IP outputs and an integrated, environmentally protected IP66-rated enclosure (with optional pan/tilt positioner). Additionally, when used in an IP system, the **Sarix TM Series** thermography camera features a full suite of thermographic analytics.

At the core of the **Sarix TM Series** thermography IP camera is an uncooled, sun-safe microbolometer, long-wavelength infrared (LWIR) camera that delivers 384 x 288 resolution thermal video. The camera features an amorphous silicon detector, which has lower fixed pattern noise and a more uniform response than vanadium oxide detectors, while still maintaining high resolution and sensitivity. Because the amorphous silicon detector is sun-safe, the camera can be exposed directly to the sun without degrading performance or long-term reliability.

The **Sarix TM Series** provides outstanding sensitivity below 50 mK at f/1.0. It is capable of multiple display formats, including white hot, black hot, and color signatures.

The **Sarix TM Series** is available in fixed or PT options. The fixed camera has an input voltage of 24 VAC or 24 VDC. The PT camera has an input voltage of 24 VAC or a selectable power source of 120/230 VAC.

The **Sarix TM Series** can support two simultaneous video and temperature event streams. The two streams can be compressed in MJPEG and H.264 formats across several resolution configurations. The streams can be configured to a variety of frame rates, bit rates, and group of pictures (GOP) structures for additional bandwidth administration.

The powder-coated aluminum enclosure makes the **Sarix TM Series** ideal for either indoor or outdoor applications. The system has a sustained operating temperature range of -40° to 50°C (-40° to 122°F). A built-in heater/defroster and sun shroud are standard features on the **Sarix TM Series**.



by Schneider Electric

International Standards
Organization Registered Firm;
ISO 9001 Quality System



C1317SP / REVISED 5-12-15