



FLIR Systems even further improves its successful SR-Series range of thermal imaging cameras

Thermal imaging cameras are becoming more and more popular for security and surveillance applications. FLIR's SR-Series range of fixed mount thermal imaging cameras has definitely contributed to the success. Extremely affordable, easy to install and to use, they have been incorporated in numerous security networks. Today FLIR Systems is launching a new version of these successful cameras.

As of today, although they still look the same from the outside, all SR-Series come with a new thermal imaging core that will allow the user to see even farther than before. This means that users can now detect targets at longer distances for the same price.

Choice of image quality

The SR-Series are using the most advanced thermal imaging technology available on the market today. They incorporate an uncooled Vanadium Oxide microbolometer detector producing crisp 320 x 240 pixels thermal images. Users that do not require this high image quality can choose for a 160 x 120 detector. More pixels allow the user to see more detail and to detect more and smaller objects.

Advanced internal camera software delivers a crisp image without the need for user adjustments. It provides high quality thermal imaging in any night- or daytime environmental conditions.

Excellent range performance

Longer lenses have a narrower field of view and allow the user to see farther. With the SR-304 you will be able to detect a man-sized target at a distance of over 2 km.

Advanced image processing

SR-Series include FLIR's advanced image processing techniques which deliver excellent contrast regardless of scene dynamics. Unlike other night vision systems that require low amounts of light to generate an image, the SR-Series needs no light at all.

The new SR-Series contain the best Vanadium Oxide microbolometer detector technology on the market today. This provides the camera with an excellent sensitivity so that the user is able to see the smallest of details in the image even at long ranges. The image quality is further enhanced through FLIR Systems patented DDE (Digital Detail Enhancement) image processing technology.

Easy to use

Equipped with an "athermal lens", the SR-Series are able to maintain focus no matter what the environmental temperature is. There is no need for user adjustments. Once it is installed, all SR-Series thermal imaging cameras will deliver a sharp, focused image.

No maintenance needed.

The absence of a motorized focus mechanism prevents mechanical breakdowns. The SR-Series do not need any maintenance whatsoever. This is guaranteed an extremely low total cost of ownership.

Easy-to-install

The SR-Series can be easily connected to common power and video interfaces found in existing and new security systems. The SR-Series are extremely rugged systems. Their vital core is well protected, meeting IP66 requirements, against dust and water ingress.

For more information about the new SR-Series thermal imaging cameras, please contact your nearest FLIR representative or use the enclosed fax-back form.

Different resolutions and lens solutions

Equipped with a 160 x 120 pixels detector, the SR-Series come in the following models with the following lens options:

- **SR-124:** 9 mm lens – Field of view: 24°(H) x 20°(V)
- **SR-117:** 13 mm lens – Field of view: 17°(H) x 14°(V)
- **SR-112:** 19 mm lens – Field of view: 12°(H) x 10°(V)

The user that chooses for a version of the SR-Series equipped with a 320 x 240 pixel detector has even more choice:

- **SR-348:** 9 mm lens - Field of view: 48°(H) x 39°(V)
- **SR-334:** 13 mm lens - Field of view: 34°(H) x 28°(V)
- **SR-324:** 19 mm lens - Field of view: 24°(H) x 19°(V)
- **SR-313:** 35 mm lens - Field of view: 13°(H) x 10°(V)
- **SR-309:** 50 mm lens - field of view 9°(h) x 7°(v)
- **SR-304:** 100 mm lens - Field of view: 4.6°(H) x 3.7°(V)

