

Megapixel zoom lenses for security and surveillance

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High resolution for high quality images

With the recent advent of megapixel cameras for day and night surveillance, there has been a growing need to capture more remote objects in higher resolution for better identification, as well as to conduct round-the-clock surveillance in high image quality with the combined use of a higher performance lens and a surveillance camera.

To meet the needs of the security and surveillance market for images in megapixel compatible high resolution, Fujinon offers a continuously growing product range of high-quality megapixel lenses.

In addition to a wide choice of varifocal lenses covering focal length ranges from the wide end (101° horizontal angle of view), to telephoto lenses for applications that require a greater object distance between the camera and the lens, as well as Day & Night models. Another outstanding product worth mentioning on top of the above are the megapixel zoom lenses:

- D32x10HR4D, focal length $f = 10 \sim 320$ mm
- D32x15.6HR4D, focal length $f = 15.6 \sim 500$ mm



D32x10HR4D megapixel zoom lens.



Megapixel line up: varifocal and zoom lenses.

Technical specification

With 32x high optical magnification and the highest level of image quality in the industry, 'D32x' zoom lenses play an important role in monitoring a harbour or an airport at a long distance or for disaster prevention surveillance of a dam or a river.

Both megapixel zooms are designed for 1/2" sensors, support high resolutions up to 1.3 megapixels and feature motorized zoom and focus, an auto iris (DC or Video type) plus a preset function.

Equipped with Fujinon's 'Day & Night technology', surveillance with sharp and high-quality images by day and night is possible without focus shift when switching between day and night mode. The small size and a light weight of only 2.7 kg allows installation of compact long range surveillance systems.

The perfect companion to Fujinon's megapixel zooms is the slightly smaller D8x7.8HA. This high-quality 8x zoom lens has a focal length range of $f = 7.8 \sim 63$ mm and a wide aperture of F1.2. Further features are the 1.3 megapixel support, motorized zoom and focus and again the option of choosing between DC- or Video- type auto iris.

ABOUT THE COMPANY

Fujinon is one of the foremost pioneers in the development of optical technology. Based on continuous research, lengthy experience and leading quality, Fujinon is able to provide products of the highest standard in the world.

Special tasks in image processing require a special lens and Fujinon offers the appropriate solutions for almost every application. Whether with a high resolution of five megapixels or 1.5 megapixels in fixed focal lengths, as zoom lenses or fisheye lenses, for 3 CCD cameras or UV optics – each model is characterised by first-class Fujinon quality: high resolution and precise optics with minimised distortion for optimal image quality.

ENQUIRIES

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