High-Performance Far-Infrared Zoom Lens Series
With Built-in Optical Image Stabilization System

Optical Zoom and Optical Image Stabilization System Realize
High Picture Quality

Conditions such as wind and ground vibration normally produce camera shake that makes it difficult to obtain quality images. Tamron’s high-performance far-infrared zoom lenses combine an optical zoom with an optical image stabilization system to suppress deterioration of picture quality due to camera shake. These features differ from electronic control (digital zoom, digital image stabilization processing, etc.), and allow the full potential of the image sensor to be realized.

The ability to capture proper images without image quality deterioration lets you take full advantage of the sensing capabilities of far-infrared cameras and helps to create highly reliable surveillance systems.
The built-in optical image stabilization system (VC: Vibration Compensation) is a world first for far-infrared camera lenses. This technology is similar to the image stabilizer functions used in interchangeable lenses for single-lens reflex cameras, which are a core-competence of Tamron, and provides high picture quality even in installation environments subject to constant shaking due to the effects of wind or ground vibration.

* Vibration from moving vehicles, wind, camera mounts, etc.

Two types of zoom lenses are available with a focal length of 15-45 mm and 35-105 mm to cover the surveillance ranges most frequently used for security monitoring. Unlike fixed focal length lenses, the field of view can be precisely set for zoom lenses, support cases when the installation environment and monitoring range change.

Active Athermal Compensation

Tamron’s active athermal compensation function helps to provide the best and most stable images under various environmental conditions, including changes in temperature after sunset or seasonal variations. Typical “athermal compatible” lenses perform compensation by mechanical means, but Tamron lenses use temperature sensors to apply the ideal electronic compensation according to the temperature.

Electronic Focus

Tamron’s zoom lenses use the IF (internal focusing) method which reduces the travel distances of the focus lens group, letting you focus in the shortest time possible. IF, combined with the spot AF feature, allows you to pinpoint and quickly focus on subjects.

Quality Assurance Activities: At Tamron, quality management activities are performed in compliance with ISO9001:2000 not only to assure product quality but to enhance customer satisfaction. Environmental Protection: We recognize the significance of our social responsibilities. Tamron promotes corporate activities that protect the earth’s environment through the establishment of a quality assurance system that is compliant with ISO14001.

Manufacturer of precise and sophisticated optical products for a broad range of industries.

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Product specifications, appearance and performance are subject to change without notice.