

See the world with new eyes. Binoculars from Fujinon



Since 1947 Fujinon has been producing high-grade binoculars which turned into indispensable tools for professional users worldwide. Featuring unique details like image stabilization, image intensifiers, special coating technologies for brilliant and sharp images and rugged mechanics, these binoculars represent superior manufacturing standards and innovative design from Japan's leading optical company. Nowadays Fujinon binoculars and night vision devices are the standard law enforcement equipment for many governmental clients like the navy, ground or air forces, special police units, regular police forces, research institutions, but also security companies and industrial clients. A list with selected references is available on request – if it's homeland security, law enforcement, a job in some remote desert mountains or outer space, Fujinon binoculars travel all around the globe.

Below follows a summary of Fujinon's key features that highlight the exceptional quality:

Gyroscopical Image Stabilization

Fujinon brought stabilized binoculars to perfection – the Stabiscopes offer stable vision from any kind of vehicle, regardless if it is a helicopter, all-terrain vehicle or speedboat. The outstanding performance of the reliable mechanics and precision-made optical system allow brilliant handheld views at 12x and 16x magnifications. A Day+Night version with high-grade Photonis image intensifiers is available, too. The Stabiscopes' technological predominance has turned them into a world-wide reference for stabilized binoculars. They are preferred by air force units, special police forces, SAR units and customs service. Even NASA is using them in its space program.

Opto-electronical Image Stabilization

As image stabilization expert Fujinon has also reached an unsurpassed performance level for opto-electronical image stabilization. The third-generation Techno-Stabi allows a $\pm 5^\circ$ compensation range not reached by any other competing system. The compact design and outstanding ergonomics have turned them into a valuable tool for police forces, navy units and other users in motion. They are perfectly suited to compensate the vibrations of a car or the influence of poor roads despite the high 14x optical magnification.

Day+Night Binoculars

During daytime long-range vision is a standard tool for remote surveillance, but standard night vision devices do not offer the same range and optical resolution. By combining Fujinon's spectacular optical quality with Europe's top class Photonis XD 4 and autogated XR5 image intensifiers we are proud to extend the night vision detection and identification range to levels never reached before. The excellent mechanical workmanship of our Day+Night binoculars maintains their mil-spec shock resistance and waterproofness to allow permanent use under tough conditions. Their exchangeable day and night eyepieces expand their versatility to full 24/7 operations.

EBC Coating

Fujinon optimised the art of proper coating. Our patented Electron Beam Coating (EBC) sets a top-class standard for optical multilayer coating hard to exceed by anyone else. Each optical surface can be coated to transmit more than 99% of the incoming light. This can be achieved by carefully selecting very specific different coating materials and evaporating it by using an electron-beam gun generating very selected temperatures and layer-thicknesses. Independent test reports repeatedly put Fujinon ahead of any other competitor. Other big advantages of this technology are the dramatically increased durability and toughness. Even an extended exposure to saltwater does not do any harm, because of the EBC coating.



Flat-field Eyepieces

The Fujinon FMT series are equipped with patented flat-field eyepieces which offer a totally sharp wide-angle view of the entire field-of-view. Next to the superior image quality this feature also allows long and extensive observing sessions without any fatigue – a detail highly appreciated especially by police investigators, border guard units and others who have to watch something.

Sophisticated Testing Procedure

At Fujifilm's test laboratories a variety of conditions can be simulated that put stress on binoculars. Mechanical shock, waterproofness, dustproofness and temperature ranges can be tested either to the world's common military specifications or individual specifications defined by our clients. Our past achievements with some of the largest binocular contracts issued world-wide give us confidence to meet even the most critical demands.

Marine Tested

Fujinon binoculars with the designation MT are "Marine Tested". This means that Fujifilm guarantees that the corresponding models were developed to meet the extremely tough guidelines of the US military. They are 100% waterproof and impact-resistant. The lightweight aluminium body and the special coating of the lenses and prisms ensure perfect observations even under the hardest conditions.

Customised Products

Besides mass production items Fujifilm can also provide specific modifications according to our clients' needs. Special reticles, laser-protection filters, extended temperature ranges or special camouflage patterns are just four examples we already realised in the past. If you need other modifications feel free to contact us.

Service

At Fujifilm Europe a fully-equipped service department is available which can handle all kinds of optical, mechanical or electronic repairs related to our binoculars or night vision devices. With a huge number of spare parts in stock Fujifilm Europe can ensure proper warranty handling for all warranty periods available (2–30 years depending on model). The service department also offers extensive maintenance training to the related military or police units if required.

Export Licensing

Please note: All Fujinon night vision binoculars and binoculars equipped with reticle or laser-protection filter are subject to export licensing. The night vision devices are sold to governmental clients or dedicated industrial security departments only. Fujifilm Europe can provide support for those end users who need to prepare the proper export licensing documents.

Giant binoculars

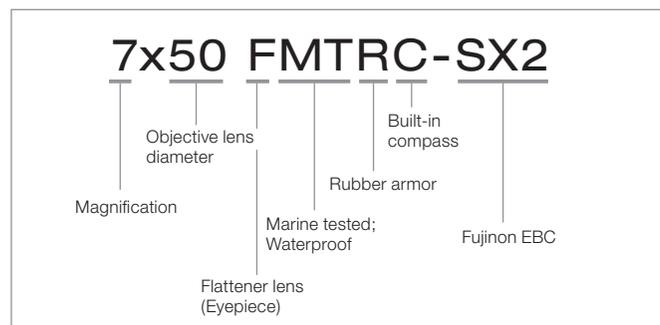
The giant binoculars from Fujinon are among the most powerful binoculars in the world. Lenses with the enormous diameter of 150 mm and the High resolution optics ensure absolutely bright and sharp images in which every detail can be seen even at very long distances. The high-quality Extra Low Dispersion optics, which can easily be recognised from the ED type designation, also reduce any possible colour errors and chromatic aberration to an absolute minimum. It is even precise in cases where high magnifications are required, which is a decisive advantage. All the large binoculars are of course fully waterproof and weatherproof for outdoor use.

Fujinon. To see more is to know more.

FUJIFILM

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Specifications are subject to change without notice. 10/11