

SIVAS | F5.5



Continuous Zoom Thermal Objective

#EObjectiveSystems



HIGH RESOLUTION
CONTINUOUS ZOOM
COMPACT

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Continuous Zoom Thermal Objective

The F5.5 Continuous Zoom Thermal Objective is designed to deliver high-resolution thermal imaging with superior performance and reliability. Offering a compact and rugged structure, it provides exceptional image quality across varying distances, making it ideal for demanding defense and security applications.

Featuring an F/5.5 aperture and compatibility with cooled 3-5 μ m detectors in 640x512 format, the objective offers a continuous zoom capability with a wide field of view of 22.5° and a narrow field of view of 2°. It includes 2X electronic magnification and a focus range of 22-27.5 mm. Equipped with fully multi-coated optics and ultra-wide band coating, it ensures maximum infrared transmission and outstanding clarity even in harsh environments. Its shockproof construction guarantees durability under tough operational conditions.

This advanced thermal objective supports long-range surveillance, reconnaissance, and situational awareness with high-resolution imaging and convenient freeze view option. Designed for seamless integration into modern electro-optical systems, the F5.5 delivers precision, flexibility, and reliability for border security, coast guard missions, and tactical operations.



Technical Specifications

- F/# : 5.5
- Detector Type : Cooled 3-5 μ m
- Detector Format : 640x512
- Field of View
 - Narrow : 2° (\pm 10%)
 - Wide : 22.5° (\pm 10%)
- Continuous Zoom : Yes
- Electronic Magnification : 2X



Specifications are subject to change without any notice. | All tolerances are within \pm 10%.