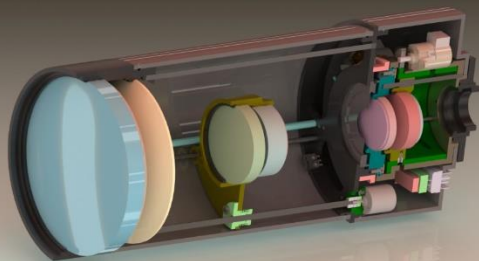




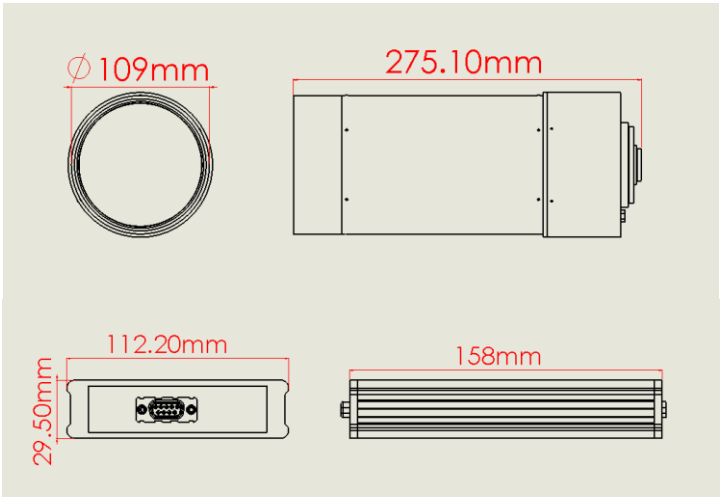
Motorized Zoom Lens with Continuous Zoom

MSZL12X-2.7SW

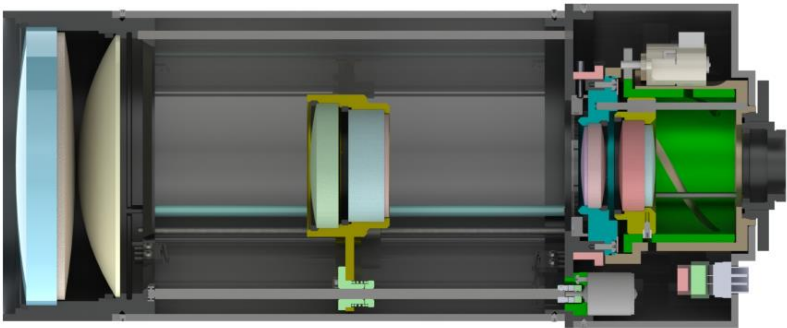
- 900nm~1700nm Short Wave Infrared (SWIR) Imaging
- Motorized Zoom, Focus and Iris
- F# 2.7
- Fast Zoom and Focus setting
- C-Mount camera interface
- Pelco-D command interface



The system consists of an optical unit and an electronic unit that controls the motorized lens. According to the desired zoom level; zoom, focus and iris motors are controlled by the electronic unit.



The system can continuously focus the scene at the desired zoom setting up to 12x. It has the ability to focus 10 meters at the narrowest angle and 0.5 meters at the widest angle.



SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Spectrum	SWIR (900~1700nm)
Zoom	12X
Focal Distance	15~180mm
F#	2.7
Weight	<2350gr
Length (first lens to FPA surface)	284mm
Mechanical Length	275.1mm
Diameter	114mm
Camera Interface	C-mount
Detector	640 x 512 15 μ SWIR

PERFORMANCE

MTF (@33lp/mm)	>%30 (all the zoom positions, optical axis)
	>%20 (detector corners, average MTF value of two axes for all zoom positions)
Optical Distortion	<%3,5 (Wide)
	<%1 (Narrow)

MS SPEKTRAL SAVUNMA SANAYİ A.Ş. MS SPEKTRAL DEFENCE INDUSTRY

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