

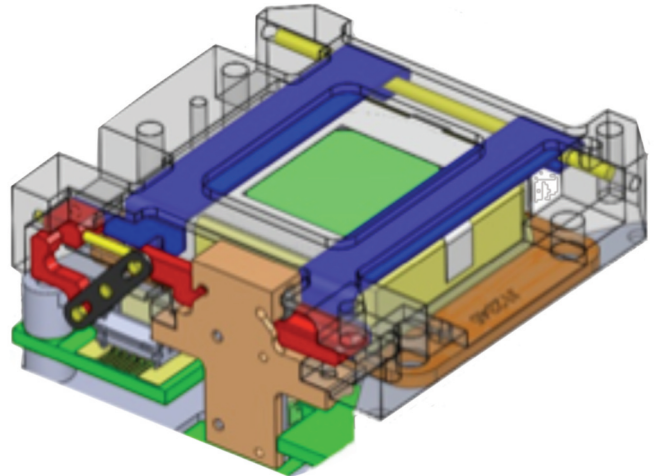
ORDERING INFORMATION

Shutter: S700D-SHTR

ASIC: ASIC-1E-01

Product Features

- Dual blade / Single motor drive
- Balanced blade design supports:
 - holding position under shock/vibration
 - operation under high acceleration forces (up to 50g)
- Compact design to fit directly over image sensor
- Bearing support on both ends of blade for uniformity of NUC process



Product Description

The S700 Series NUC shutter is designed to meet the most challenging operating conditions of infrared imaging systems. The S700 series shutter consists of a balanced, split blade design allowing the ability to withstand high shock loading and high acceleration forces, while holding position.

The Dual Blade configuration is driven with one Edge motor and the blades are supported by a roller bearing on one side and a shaft bearing on the outboard side, to eliminate any blade deflection.

Standard configurations utilize Nanomotion's Edge motor with a miniature position sensor integral to the shutter assembly, for closed loop operation. The shutter is supported by our ASIC, serving as a drive & control