

Dual View Lens System

Navitar's versatile dual view imaging system allows users to simultaneously view a single subject and capture an image at multiple fields of view (FOV).

For situations requiring multiple fields of view, Navitar's dual view module offers, with just one setup, a single objective lens presented to two separate imaging channels. The channels can be fixed, zoom, or a combination of both. Two separate light sources and wavelengths can be used, allowing inspection of multiple types of materials. The use of different adapter tubes on each optical path provides a wider FOV than a traditional single view system, without the hassles of changing workstations or lighting setups.

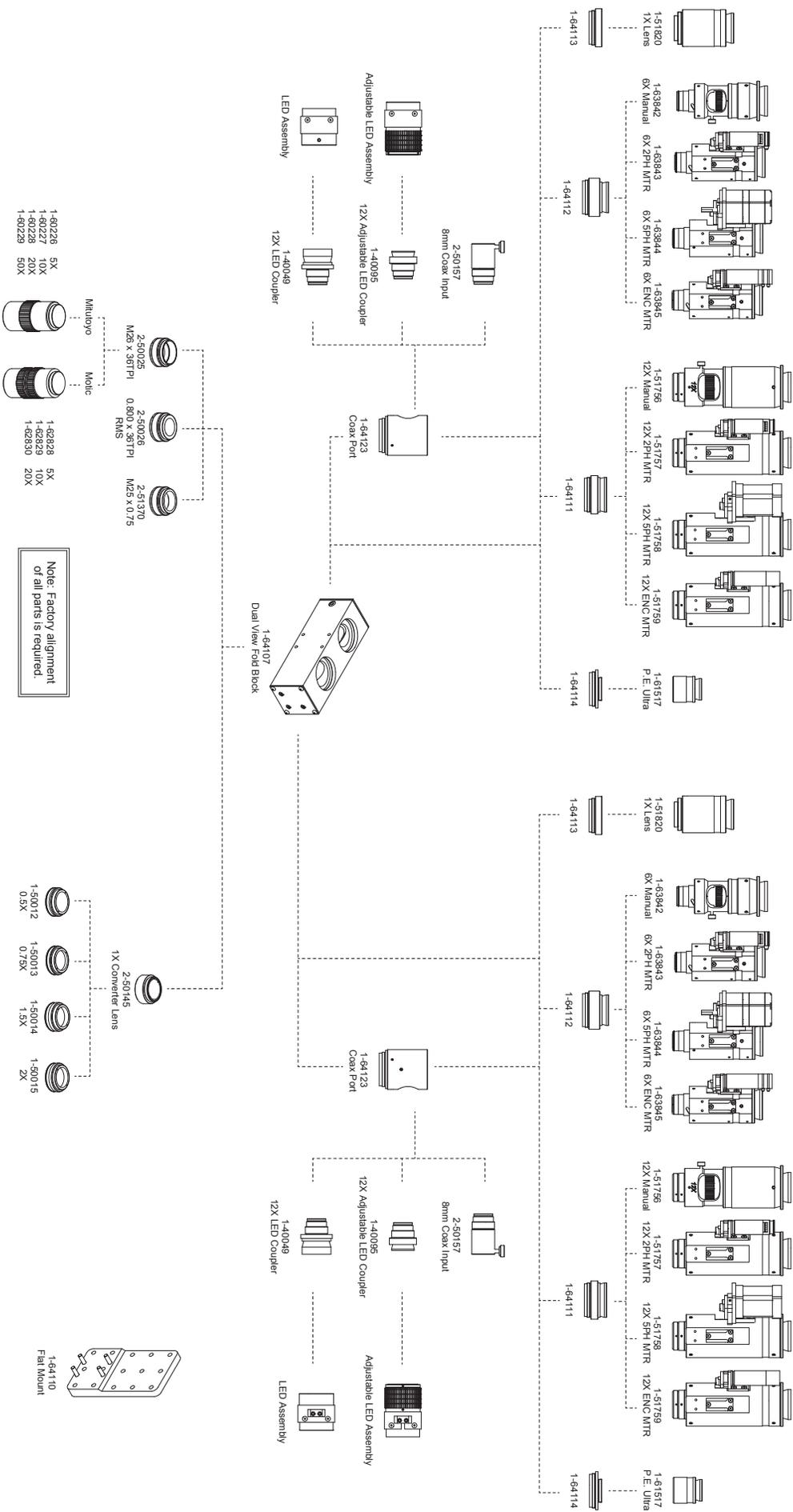
The dual view system has a minimum potential optical magnification range of 0.09X to 6.13X, which corresponds to FOVs as large as 120mm diagonal on a 2/3" format sensor down to a 0.65mm diagonal on a 1/4" sensor. Maximum optical magnification using the dual view system can range from 20X to 583X using a 50X objective.

The Dual View System Consists of:

- Combination of Fixed 1X Tube lens, Precise Eye, Zoom 6000, or 12X Zoom
- Dual View fold block
- LED and adjustable LED light sources
- Adapter tubes
- Lens attachment or objective



Dual View Lens System Diagram



Note: Factory alignment of all parts is required.