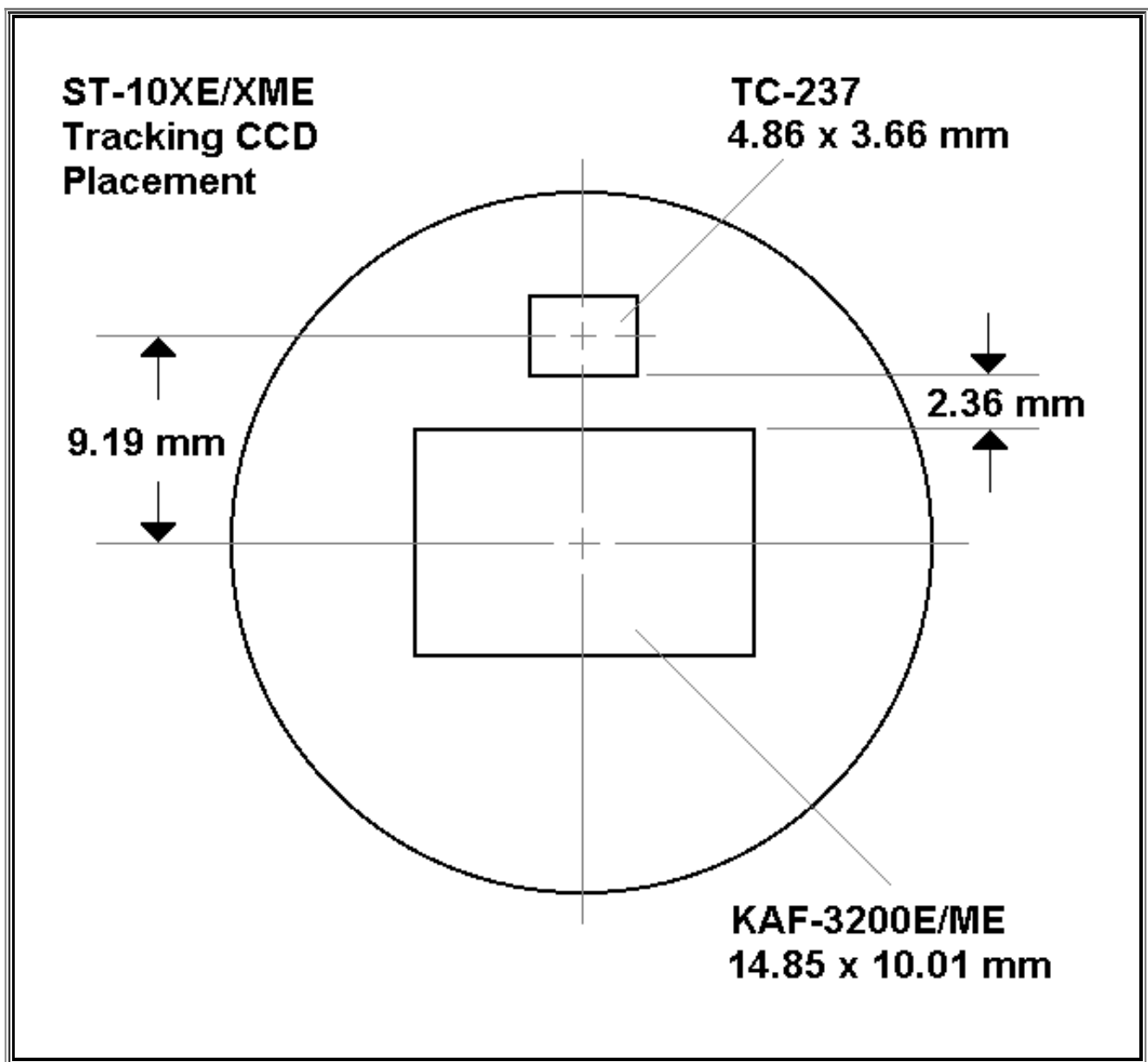


Application Note

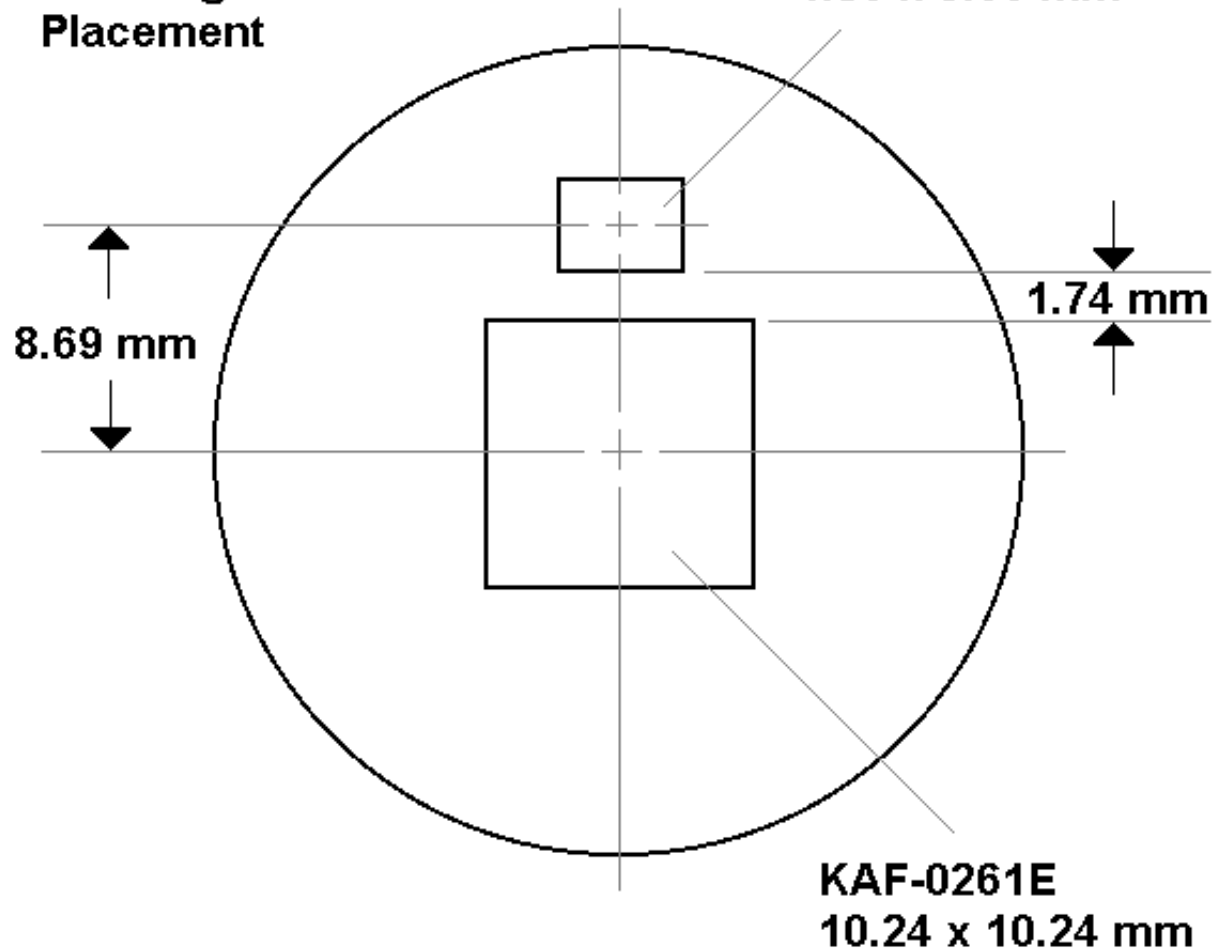
Optical Location of Tracking CCD in SBIG USB Cameras

The drawings on this page represent the optical location of the tracking CCD relative to the center of imaging CCD and the optical window of the camera. The CCD sizes are the active imaging area only and not the mechanical size of the part. The tracking CCD is actually mounted at right angles to the imaging CCD and is illuminated by a mirror. This information is provided for those who wish to calculate the relative fields of view of each CCD and for input to planetarium programs such as TheSky for generating field of view indicators.



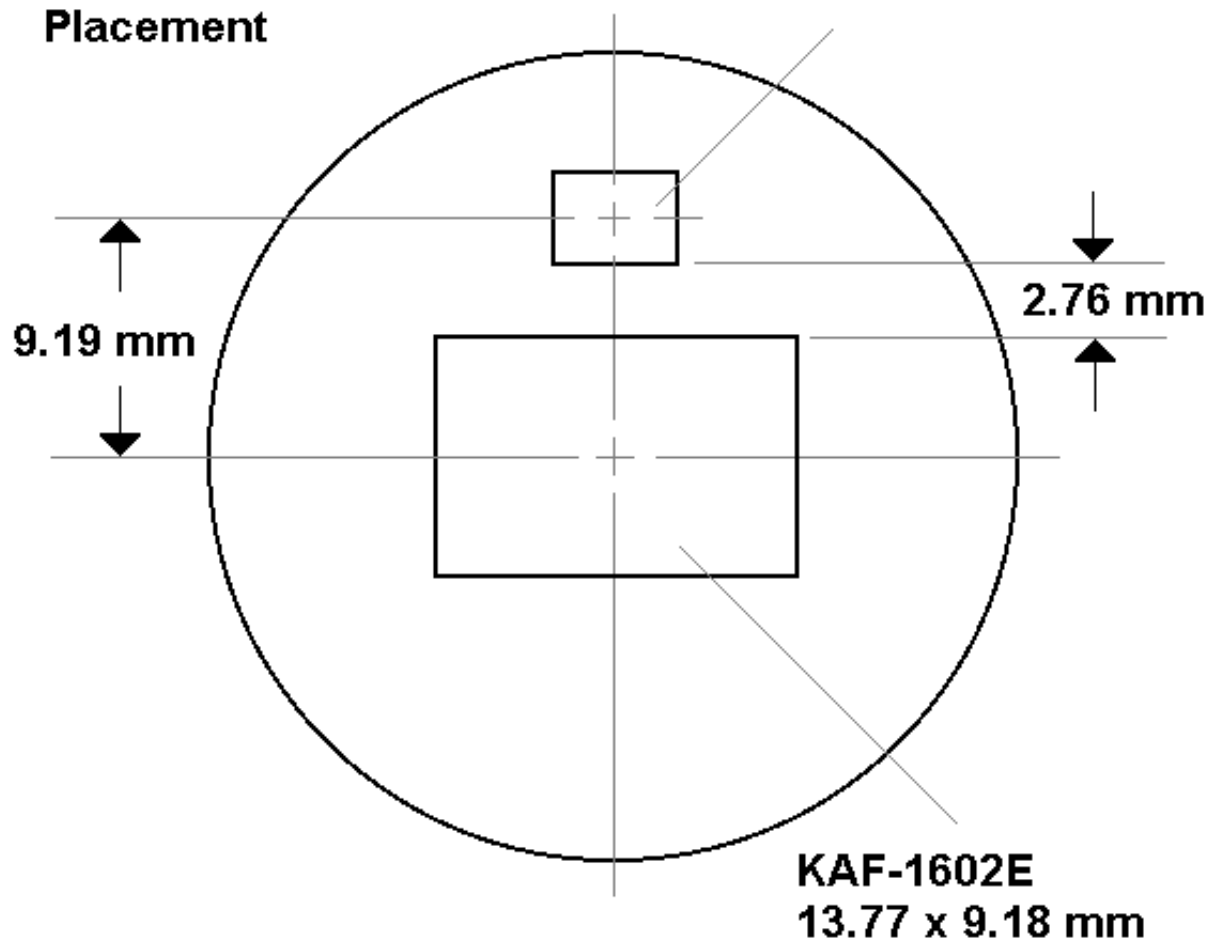
ST-9XE
Tracking CCD
Placement

TC-237
4.86 x 3.66 mm



ST-8XE
Tracking CCD
Placement

TC-237
4.86 x 3.66 mm



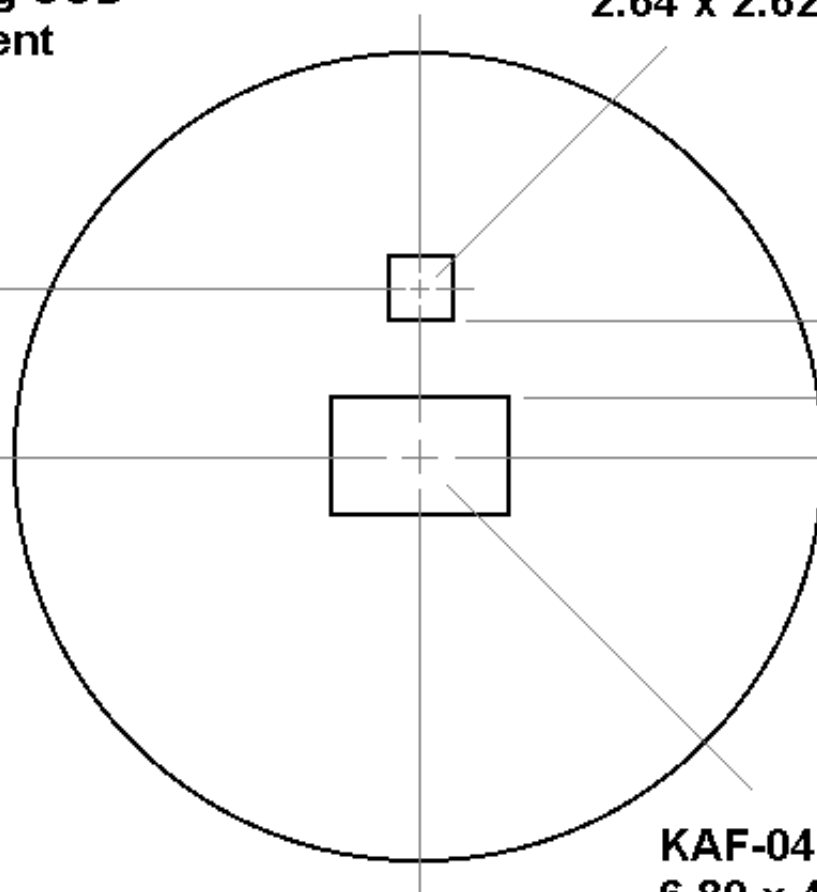
ST-7XE
Tracking CCD
Placement

TC-211
2.64 x 2.62 mm

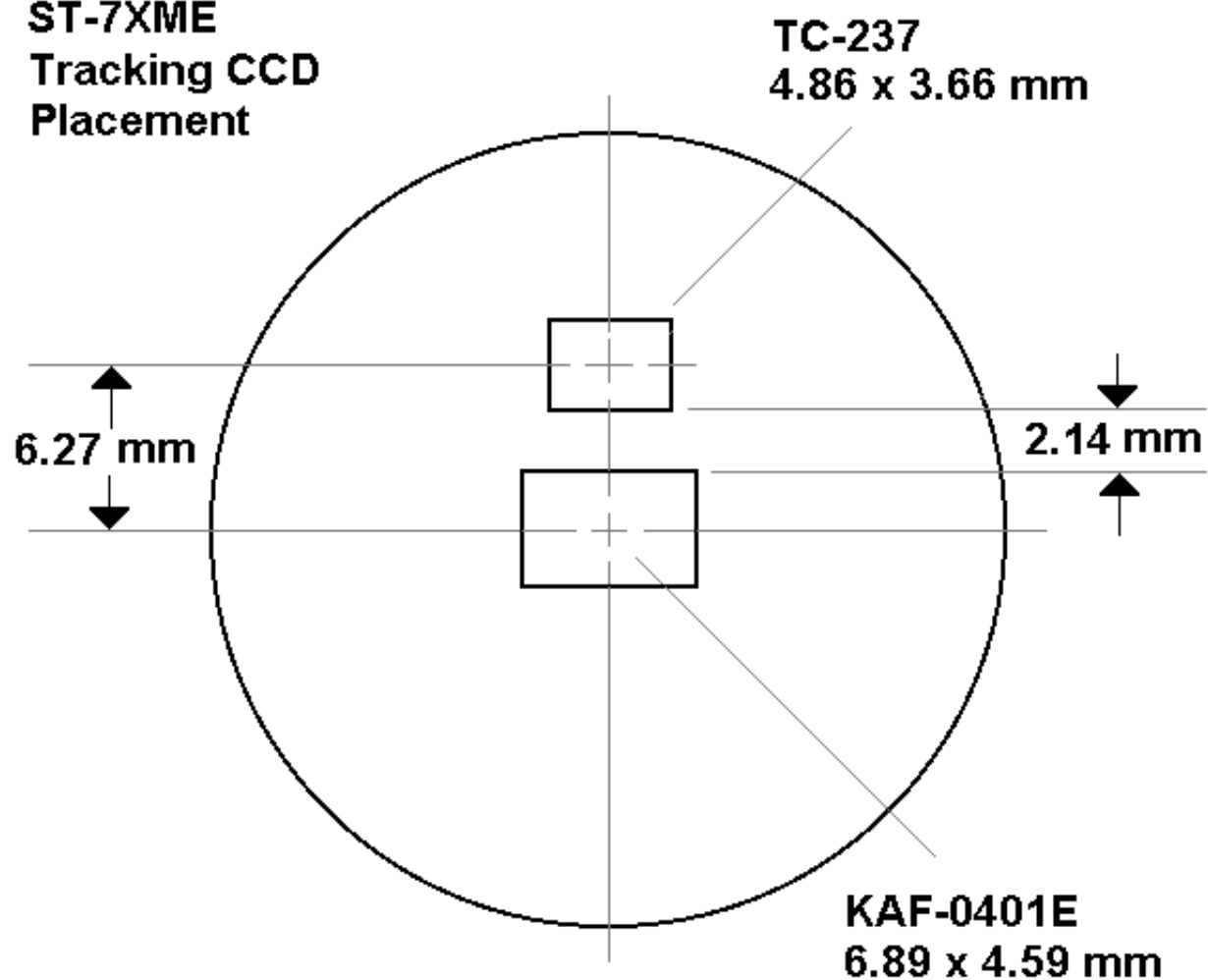
6.45 mm

2.84 mm

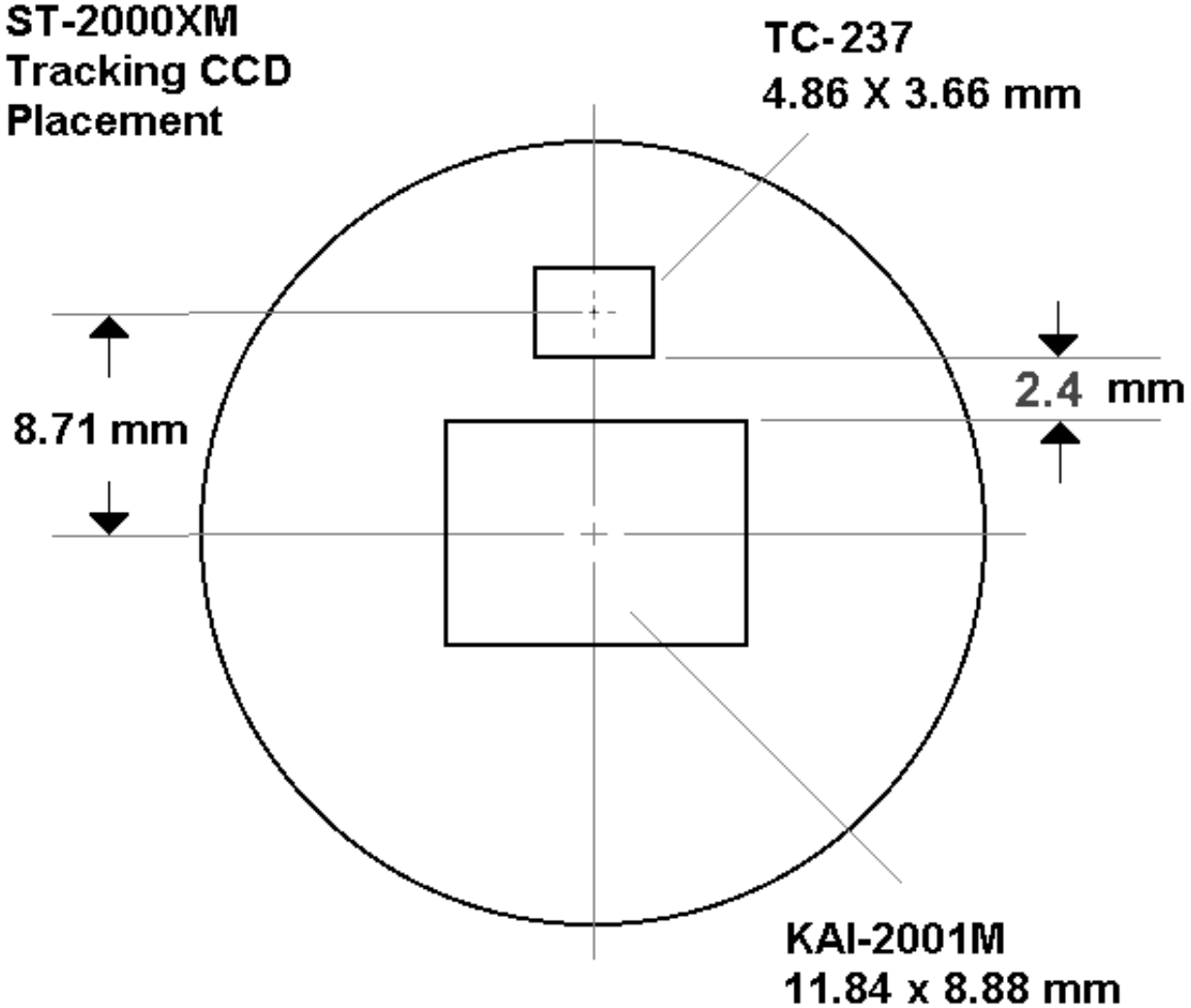
KAF-0401E
6.89 x 4.59 mm



ST-7XME
Tracking CCD
Placement



ST-2000XM
Tracking CCD
Placement



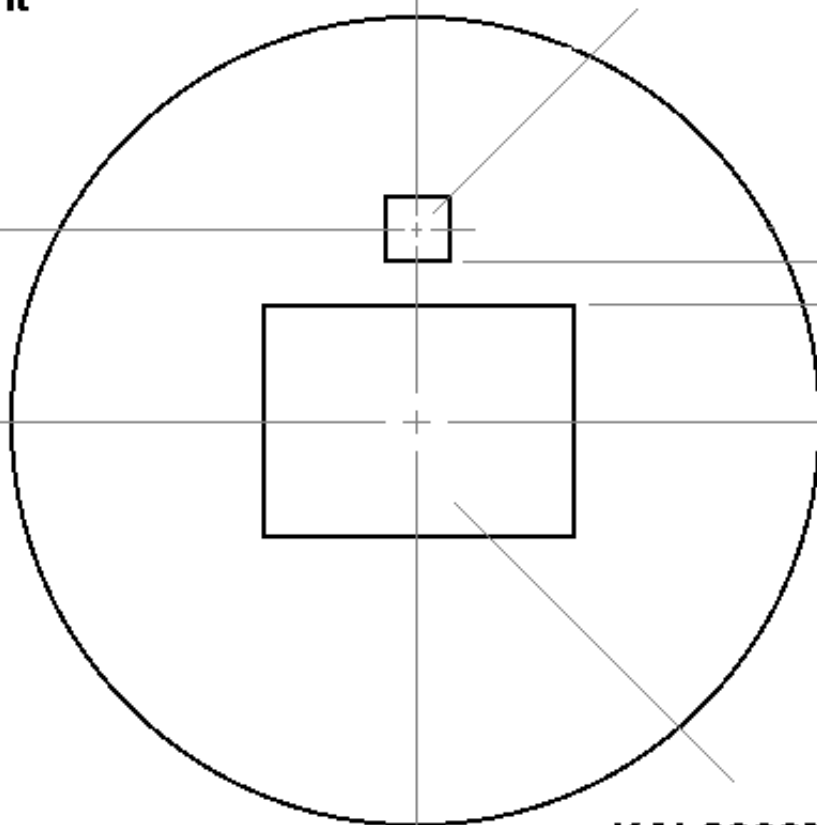
ST-2000XM
Tracking CCD
Placement

TC-211
2.64 x 2.62 mm

7.95 mm

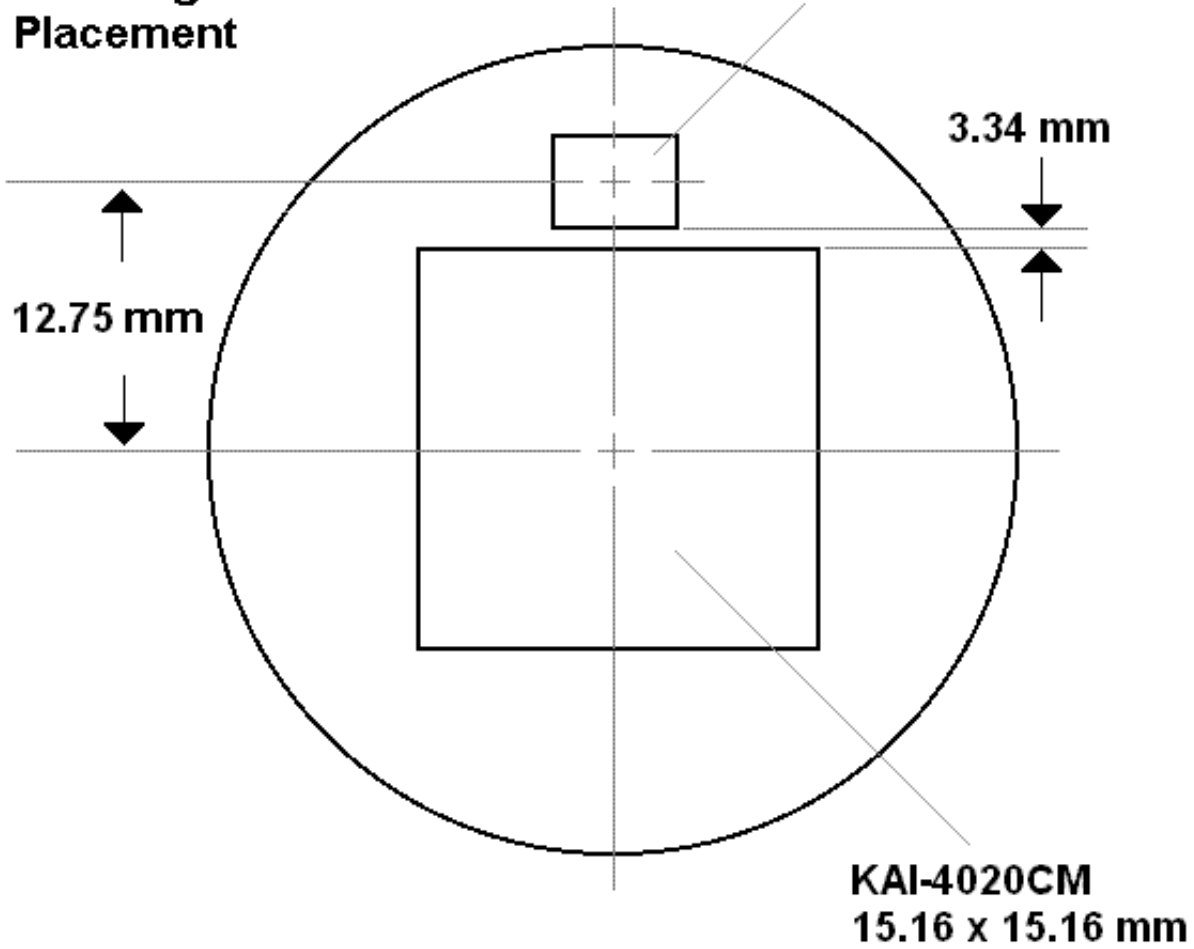
2.15 mm

KAI-2000M
11.84 x 8.88 mm



ST-4000XCM
Tracking CCD
Placement

TC-237
4.86 x 3.66 mm



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