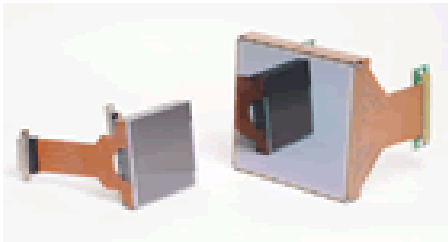


New Products

Si-CCDs, highest resolution

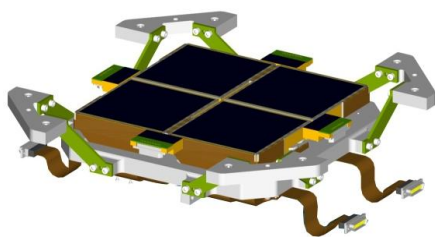


10k x 10k - CCD, low noise

New low noise version of our 10k x 10k CCD (111 Mpixel!):

- 5 electrons at 1 MHz data rate
- < 3 electrons at 100 KHz

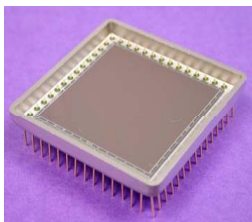
Composed mosaics



Composed mosaics, e.g. 2 x 2 arrays consisting of 4pcs. 10k x 10k CCDs

- for even higher resolution: 444 Mpixel!
- at a minimum number of CCDs (costs!)
- and lowest separation (fill factor!)

2k x 2k – CCD, fast and low noise



Frame Transfer (FT)- architecture; 1920 x 1920 elements,
3,7 Mpixel resolution, 16 μm pixel size; Near 100% Fill Factor;
Read Out Rate 10fps; 16 low noise outputs;
Readout Noise 10...15 electrons typical at 10fps and 5 electrons
typical at 4 fps; Grade A;
Frontilluminated (FI) or Backilluminated (BI)