

## Fast Operating Electronics

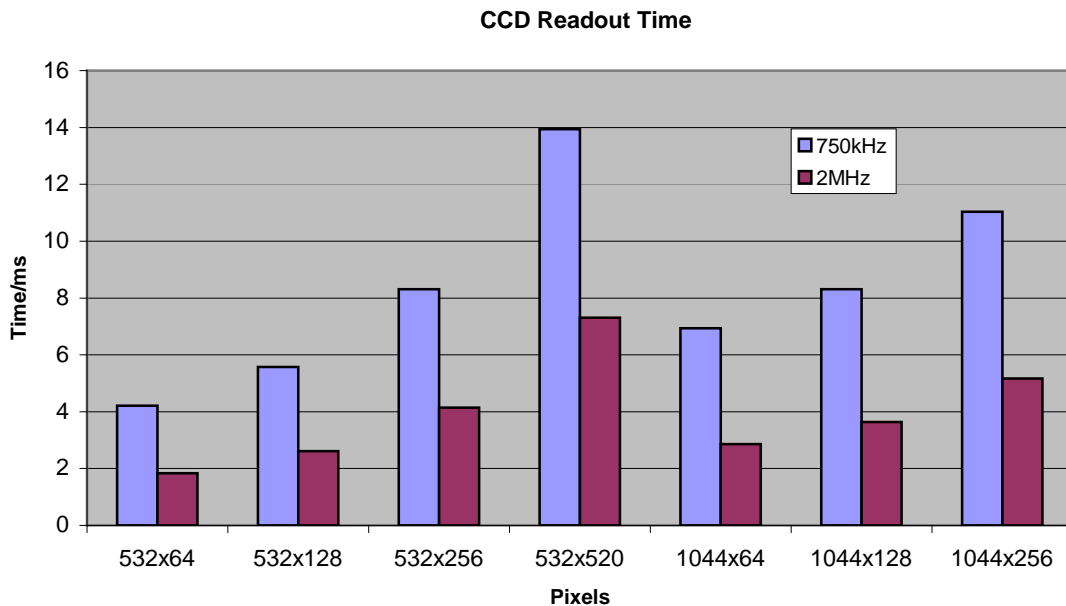
### Supported Detector Arrays:

**InGaAs PDA:** Pixel Rate: 500 kpixel/s for 128 and 256 pixel arrays , 1 Mpixel /sec for 512 pixel arrays  
 Resolution: 15+ bit  
 Supported preamps: DZA-VVIR-LX, DZA-VVIR-MB, DZA-VVIR-HM  
 Readout time: less than 1 ms

**Si NMOS:** Pixel Rate: 1 Mpixel/s  
 Resolution: 16 bit  
 Supported preamp: DZA-S3901-4 (new version)  
 Readout time: less than 1 ms

**Si CCD:** Master Clock: 2 MHz  
 Pixel Rate: 500 kpixel/s  
 Resolution: 16 bit  
 Supported preamps: DZA-S7030-4, DZA-S7010-1  
 Readout time: less than 2 ms (532x64)

Firmware 3.20 and higher for DZA-S7030-4 has been optimized for 500kpixel/s readout – see graphics below



**Supported PC Interfaces:** PCI and USB high-speed

**Supported Operating Systems:** Windows 2000 and XP

**Supported Software Products:** all tec5 software tools