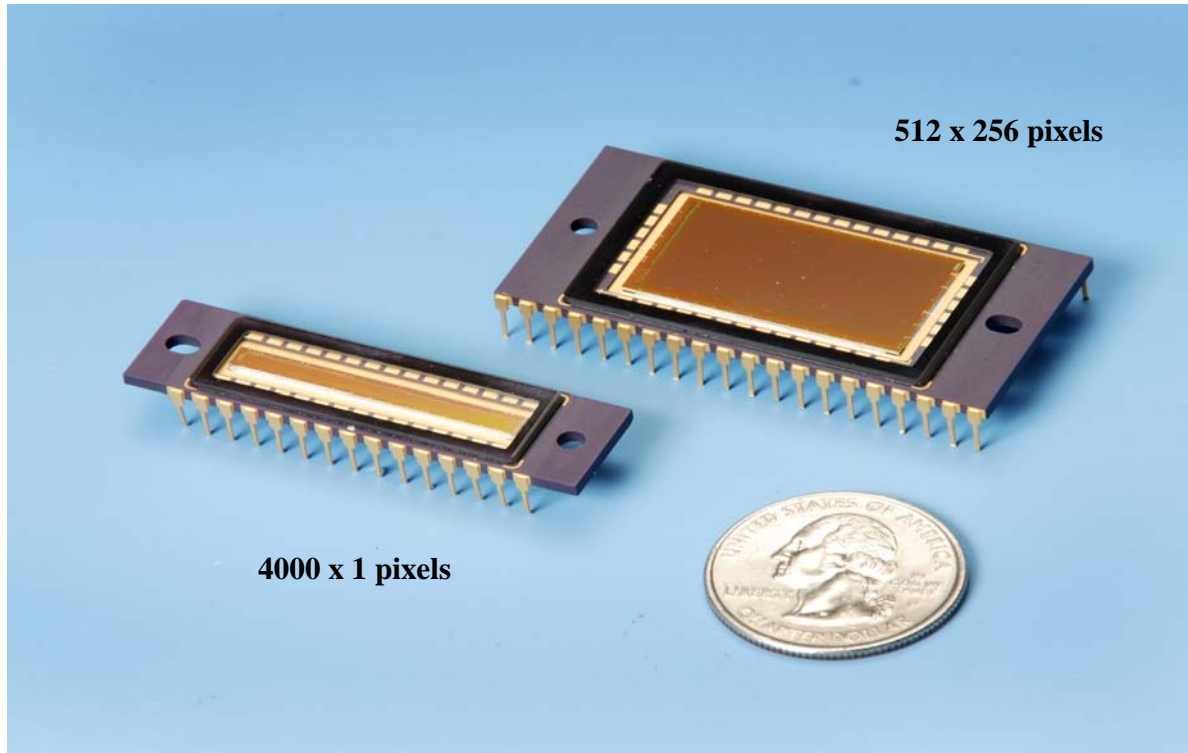


# CMOS Sensor Inc

## Space qualified image sensors (linear; area)



**Linear:** Single Frame / Multi-Frame Pixel Capture Operating Mode  
For 3D Terra Mapping Camera (TMC) application

**Area:** Large image area, row wise gain compensation, long integration time  
For hyper Spectral Imager (HySI) camera application

### Both Devices embedded

- 12-Bit A/D converter
- Band gap, regulator
- PGA, Exposure control
- I<sup>2</sup>C, SRAM (area only)
- Dark voltage cancellation
- LVDS interface

### Compared to CCD

- Very Low Power Consumption
- Excellent Linearity and Reliability
- Very low noise
- Small size and easy to use
- Power supply rejection ratio very stable

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