

The vidicon tube is going the way of the vacuum tube.

CCD semiconductor technology is now giving us smaller, lighter, faster, more rugged cameras for television, surveillance, industrial measurement and control, and a host of scientific applications.

As a pioneer in CCD development, Fairchild offers both the CCD221 Area Imaging Array Semiconductor Sensor and the CCD2000C Camera System. And we're not talking about samples. We're talking about volume. Fairchild is the world's largest manufacturer of CCD Imaging products.

The 488 x 380 Matrix Array CCD221 meets all NTSC resolution requirements for television with no

lag or geometric distortion. And its specs are spectacular. Including a gamma of unity, high dynamic range, low-light-level capability, high frame rates and low power requirements.

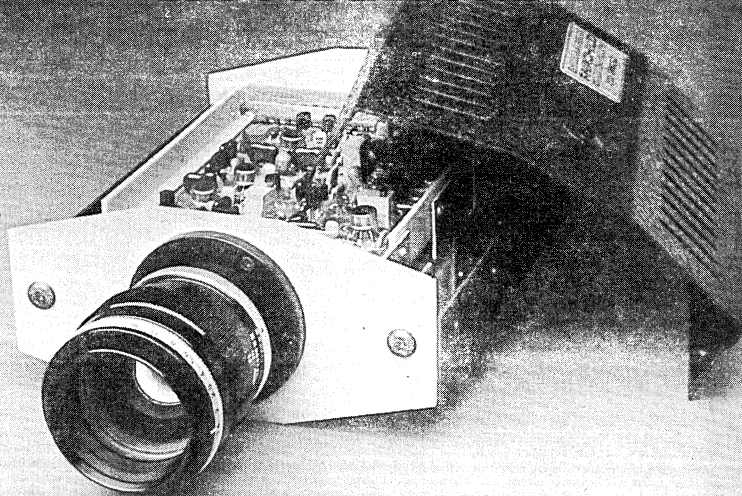
The CCD2000C Camera we built around the single-chip CCD221 is truly 100% solid-state and provides NTSC-compatible composite video signals.

For complete information and specifications on either the CCD221 Array or the sensational CCD2000C Camera, contact CCD Imaging, Fairchild Advanced Technology Group, 4001 Miranda Ave., Palo Alto, CA 94304.

Telephone:  
(415) 493-8001.  
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**FAIRCHILD**  
A Schlumberger Company

## The CCD221 Sensor



**It does for cameras  
what the transistor did  
for computers.**

Fairchild Camera and Instrument Corp.