

Progressive Scan KP-F1



The **KP-F1** combines high performance, high sensitivity, and high resolution in a camera designed for the image processing market. The use of progressive scanning provides for increased vertical resolution along with reduced horizontal smear for moving objects. Progressive or interlaced scanning can be selected. Dual outputs provide high speed operation of 60 frames per second. Square pixels enable easy interface with machine vision and measurement systems. Electronic shuttering, internal or external sync, and field on demand, allow the camera to be used in high speed image processing systems.

1/2 Inch Monochrome Progressive Scan KP-F1

- Dual Outputs for Double Speed
- 30 Frames/ Sec or 60 Frames/ Sec
- Progressive or Interlaced Outputs
- Square Pixels
- Auto / Fixed / Manual Gain Settings
- Multiple Step Electronic Shutter
- Field / Frame-on-Demand Mode



Specifications

Imager: 1/2 inch Interline type
Progressive Scan CCD

Pixels: 659 x 494

Cell Size: 9.9 x 9.9

Resolution: 500 TV lines Horizontal
485 TV lines Vertical

Min Illum: 3.0 lux at f1.4

S/N: 60 db

Gamma: 0.45 or 1.0 selectable

Integration: Field (2 outputs) or Frame

Trigger: Field on Demand - 4 modes

AGC: On / Off

Shutter: 1/60 - 1/1000

Sync: Internal / External

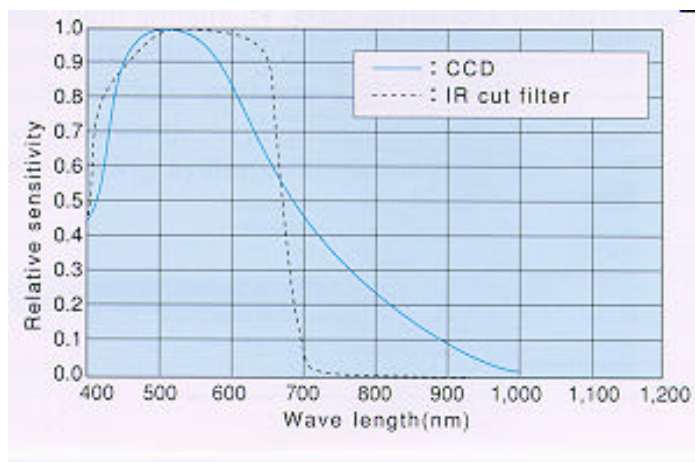
Output: Dual 1.0 V p-p

Power: 12 volts DC

Size: (W x H x D) 44 x 44 x 67 mm

Weight: 150 Grams

Lens: C - Mount



KP-F1 Spectral Response