



E-Visi on Line CCD Di gi tal Camera

EVC2048DLM-GE20 Introduction

Camera Introduction

EVC2048DLM—GE20 is a digital linear scan CCD camera with high speed,high performance, low power consumption and Giga Ethernet output. There are 2048 pixels in the row of the linear array which length is about 28mm, and the pixel size is about $14\mu\text{m}\times 14\mu\text{m}$, so it is a compact designed camera with high definition and single channel output .And the maximum linear scan rate is about 20K.

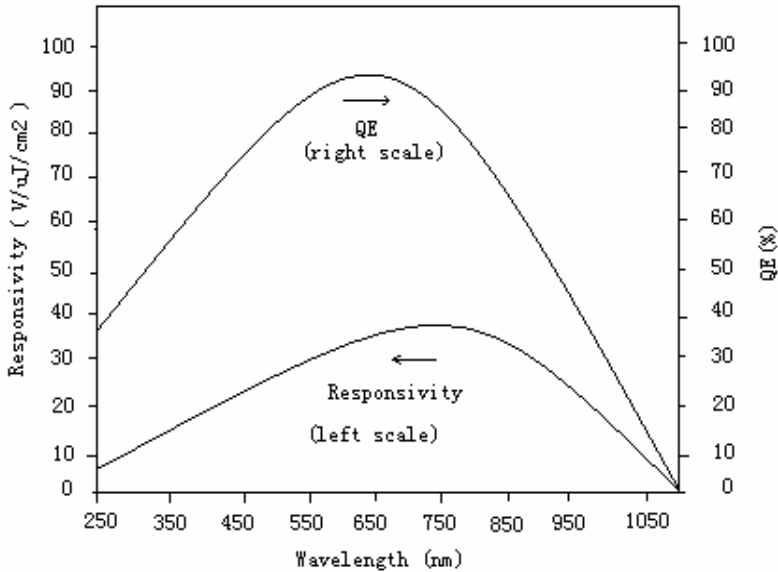
Detailed Parameter

- n Transmission Mode: Giga Ethernet(No HUB,100m)
- n Resolution: 2048*1
- n Pixel Size: $14\mu\text{m}\times 14\mu\text{m}$
- n Area Size: 28mm
- n ADC Resolution: 12bit
- n Maximum linear scan rate: 20k
- n Dynamic Range: 80db
- n Sensitivity: $41\text{V}/\mu\text{J}/\text{cm}^2$
- n Sequence Signal: 5VDrive
- n Number of isolated Pixels per line: three
- n Number of screened Pixels per line: Twenty
- n Capture Mode: Free Run, Trigger(six modes)
- n Shutter Mode: Electronic Shutter
- n Shutter Speed: 1us
- n Lens Interface: F Mount
- n CPU Occupation: <1%
- n Color: Mono
- n Power Supply: Single +12V
- n Extend Function : Two Trigger Input
- n Software Support: MVCAP
- n Application: Non-contact inspect

Application

EVC2048DLM—GE20 camera is applied in widespread range with the most advanced CCD technology, such as scan document with high speed, inspect web page, sort post material. And the predominant characteristic is that, as an extremely effective non-contact inspect technology, it is widely applied in the measurement of objects housing size and inspection of objects' shake and displacement.

Spectrum Response of EVC2048DLM-GE20



Spectrum Response of EVC2048DLM-GE20

Housing Size of EVC2048DLM-GE20

Unit: mm

