BUDGET Series

LINE SCAN Cameras

Industrial Inspection Technology

BUDGET - Series

Low Budget LINE SCAN Monochrome

Budget Series Monochrome

The BUDGET Series has a wide selection of low cost monochrom Line Scan CCD cameras. These cameras incorporate high speed CCD Line Sensor technology to provide high sensitivity and low noise.
The BUDGET Series offers cost effective camera solutions for all your FA needs.

Features

- high speed read out (up to 100MHz)
- a wide range of resolutions (from 2048 to 7450 pixels)
- standard Camera Link Base output
- 8 bit / 10 bit and 12 bit models available
- high sensitivity and low noise
- bit correction and shading correction available on „i“ Models

		NFC2KD	SUi51	SUi74	SUFi74	e2048D	e5150D	e7450D
Sensor	No. of pixels	2048	5150	7400	7400	2048	5150	7450
	Pixel size	14 x 14 µm	7 x 7 µm	5 x 5 µm	5 x 5 µm	7 x 7 µm	7 x 7 µm	5 x 5 µm
	Sensor length	28,7 mm	36 mm	35 mm	35 mm	14,4 mm	36 mm	35 mm
	Sensitivity (V/(lux-s))	80~720	80~960	50~800	67~400	60~480	60~480	60~480
Data Speed	Line scan rate	9 kHz	7,5 kHz	5,2 kHz	12,5 kHz	16 kHz	7,5 kHz	5,2 kHz
	Data rate	20 MHz	40 MHz	40 MHz	100 MHz	40 or 20 MHz	40 or 20 MHz	40 or 20 MHz
	Output	1	1	1	2	-	-	-
	Video out	Camera Link	Camera Link	Camera Link	Camera Link	TIA/EIA-644	TIA/EIA-644	TIA/EIA-644
	Camera Link	Base	Base	Medium	Base	10 bit digital	10 bit digital	10 bit digital
	Camera Link ports	1	1	1	1	-	-	-
Features	Remote parameter control	Gain / Offset	Gain / Offset	Gain / Offset	Gain / Offset	-	-	-
Optics	Lens mount	Nikon F	Nikon F	Nikon F	Nikon F	Nikon F	Nikon F	Nikon F
Technical	Power	12V DC	12V DC	12V DC	12V DC	15V DC	15V DC	15V DC
	Dimensions W x H x D (mm)	71x59x143	64x70x114	64x70x114	64x70x114	75x70x91	71x70x91	71x70x91
	Weight	380g	470g	470g	470g	350g	350g	350g
	Operating temperature	0~40 °C	0~40 °C	0~40 °C	0~40 °C	0~40 °C	0~40 °C	0~40 °C