

Preliminary

Progressive scan CCD camera

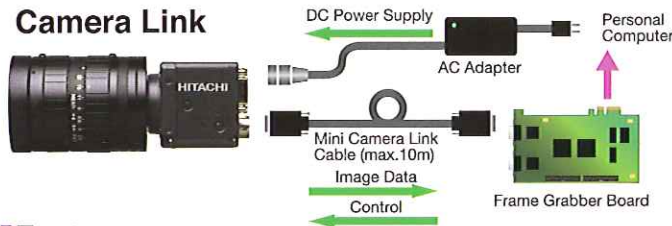
KP-F145WCL

(Near Infrared Monochrome)



What's WCL

Camera Link



Automatic power supply change.

PoCL



Features

- Extended spectral response allows the use of the camera in the near infrared region.
- The 2/3-inch 1.45M pixels square lattice progressive scan CCD achieves the high resolution of 1392 (H) × 1040 (V).
- The camera has the very compact dimensions of 44(W) × 44(H) × 41(D) mm.
(A 26pin SDR connector for digital output makes the camera even compact.)
- Output of 1392(H) × 1040(V) images at 30 frames per second.

Main specifications and functions

	KP-F145WCL
Imaging device	2/3-inch interline CCD
Effective pixels	1432 (H) × 1050 (V)
Pixel size	6.45μm (H) × 6.45μm (V) (square lattice)
Sensitivity	400 lx, F8, 3200 K
Sensing area	8.98mm (H) × 6.71mm (V)
Frame rate	30 frames/second (full pixel readout)
Pixel frequency	57.6000MHz
Video output	Digital output PoCL / non-PoCL (12bit, 10bits or 8bits)
Electronic shutter (Global Shutter)	OFF, 1/30, 1/60, 1/100, 1/250, 1/1000, 1/2000, 1/10000, 1/50000 second. OFF is normal exposure (frame rate) or changeable by variable shutter
Partial scan	Selectable start position and width of picture grabbing in 1H step.
Lens mount	C mount
Power-supply voltage/current consumption	DC12V±1VDC/Approx.230mA (Approx.2.76W)
Ambient Performance	0 to +40°C
External dimensions	44 (W) × 44 (H) × 41 (D) mm (Not including protrusions)
Mass	Approx. 110g

CAUTION : To ensure safe operation, please read the instruction manual before using this product.

These specifications are subject to change without notice.

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