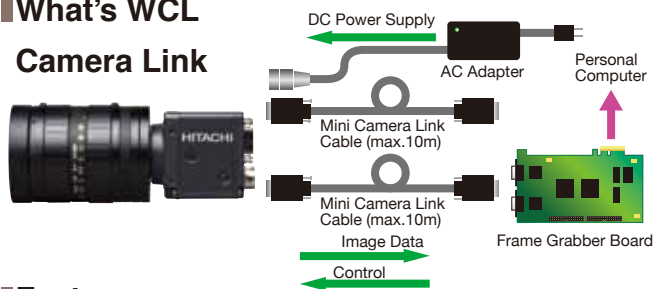


Progressive scan CMOS camera **KP-FM200WCL (Mono)/ KP-FMR200WCL (Color)**

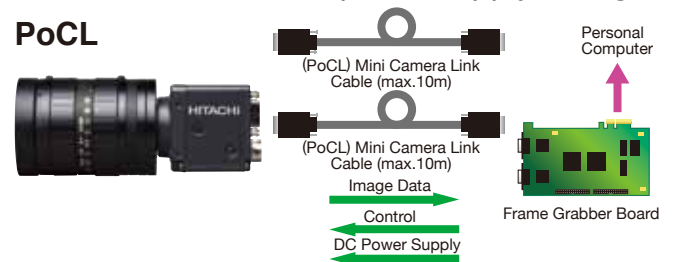
Preliminary



What's WCL Camera Link



Automatic power supply change. PoCL



Features

- The 2/3-inch 2M pixels square lattice progressive scan CMOS achieve a high resolution of 2048(H)×1088(V).
- The camera has small SDR connector for digital outputs.
 Therefore, the camera has the realization of small-sized shape of 44 (W)×44 (H)×41(D) mm.
- The image of 2048 (H)×1088 (V) is output at 280 frames per second.

Main specifications and functions

	KP-FM200WCL	KP-FMR200WCL
Imaging device	2/3-inch global shutter CMOS	
Effective pixels	2048 (H) × 1088 (V)	
Pixel size	5.5μm (H) × 5.5μm (V) (square lattice)	
Color filter	—	RGB primary color mosaic filter
Sensing area	11.264mm (H) × 5.984mm (V)	
Frame rate	Max 280 frames/second (full pixel readout)	
Pixel frequency	40.0000MHz	
Video output	Digital output PoCL / non-PoCL (10bits or 8bits)	
Electronic shutter (Global Shutter)	OFF, 1/70, 1/100, 1/250, 1/500, 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.200mA (Approx.2.4W)	
Ambient Performance	0 to +40°C	
External dimensions	44 (W) × 44 (H) × 41 (D) mm (Not including protrusions)	
Mass	Approx. 130g	

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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