

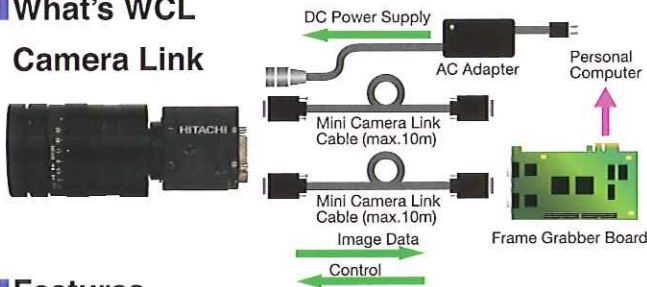
Progressive scan CMOS camera **KP-FM200WCL (Mono)/ KP-FMR200WCL (Color)**

Preliminary



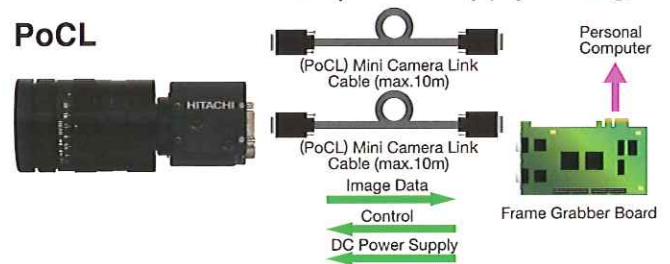
What's WCL

Camera Link



Automatic power supply change.

PoCL



Features

- The 2/3-inch 2M pixels square lattice progressive scan CMOS achieves the high resolution of 2048 (H) × 1088 (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 2048(H) × 1088(V) images 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 | 40.000MHz | |
| 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.230mA (Approx.2.76W) | |
| 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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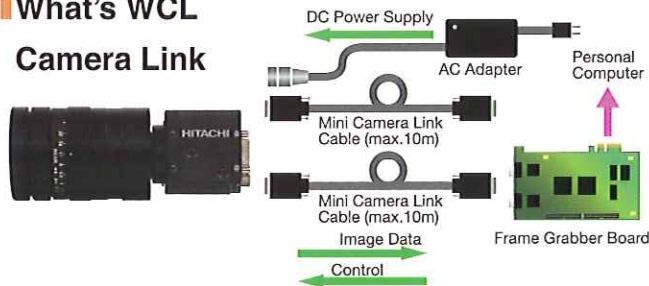
CERTIFICATE NO.
 JMI-0062
 ISO 9001/BS 5750Pt1
 EN 29001/JIS Z9901

Progressive scan CMOS camera KP-FM400WCL(Mono)



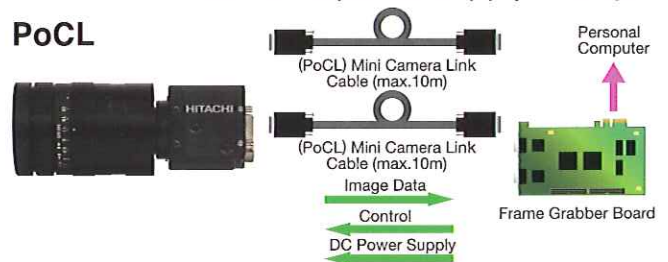
What's WCL

Camera Link



Automatic power supply change.

PoCL



Features

- The 1-inch 4M pixels square lattice progressive scan CMOS achieves the high resolution of 2048 (H) × 2048 (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 2048(H) × 2048(V) images at 140 frames per second.

Main specifications and functions

| | KP-FM400WCL |
|--|--|
| Imaging device | 1-inch global shutter CMOS sensor |
| Effective pixels | 2048 (H) × 2048 (V) |
| Pixel size | 5.5μm(H) × 5.5μm(V) (square lattice) |
| Sensing area | 11.264mm(H) × 11.264mm(V) |
| Frame rate | Max 140 frames/second (full pixel readout) |
| Pixel frequency | 40.0000MHz |
| Video output | Digital output PoCL / non-PoCL (10bits or 8bits) |
| Electronic shutter | OFF, 1/35, 1/60, 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.230mA (Approx. 2.76W) |
| 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.

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