

## 163fps 5M pixels CMOS high frame-rate camera KP-FM500WCL / KP-FM500GV / KP-FM500UB

### High frame-rate with 5M pixel high resolution

High-speed performance equipped with a frame buffer function to maximize, slow motion output is available  
5M pixel output: 163fps, VGA output: 652fps



#### ■ Features

- New high sensitivity CMOS monochrome camera
- AOI (Horizontal / Vertical) feature, external trigger function
- Choice of Camera Link / GigE / USB3.0

#### ■ The main specifications and performance

Item	KP-FM500WCL	KP-FM500GV	KP-FM500UB
Imaging sensor	2/3 inch progressive scan GS-CMOS		
Pixel size	3.45μm(H) x 3.45μm(H) (Square pixel)		
Effective pixels	2464 (H) x 2056 (V)		
Sync system	Internal		
S / N ratio	50dB		
Frame rate	CameraLink 8bit 163fps	GigE Vision 8bit 22fps	USB3 Vision 8bit 60fps
Electronic shutter	1/60 to 1/50,000 sec or variable		
Other features	Trigger function, AOI (horizontal / vertical)		
Lens mount	C mount		
Operating temperature	0 to 40°C		
Vibration resistance	15 to 200Hz 98m/s <sup>2</sup>		
External dimensions	44(W)x44(H)x41(D)mm (Except protrusion)		
Mass	Approx. 130g without lens		

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

**Hitachi Kokusai Electric Inc.**

These Specifications are subject to change without notice.