

4 Mega-pixel Monochrome camera KP-FM400WCL(Tentative)

1. Features

- High resolution: Progressive scan, monochrome camera with 1-inch CMOS image sensor
4 mega-pixel / Frame rate: Max. 140fps/ Global shutter
- Power supplied on Camera-link cable (PoCL) / non-PoCL is selected automatically
- 4 side directions of installation: up/ down/ right/ left side of camera
- Customizable trigger function / shutter speed according to the adoption of FPGA
- Multiple windowing partial scan(vertical partial scan/ max. 8 areas)

2. External view



3. Main specifications and functions

	specifications
Imaging device	1-inch progressive scan CMOS sensor
Effective pixels	2048 (H) x 2048 (V)
Drive frequency	40MHz
Vertical scanning frequency	140Hz (Full Configuration : with two cables) 70Hz (Medium Configuration : with two cables) 35Hz (Base Configuration : with one cable)
Synchronization	Internal
Signal to noise ratio	50 dB
Video output	Digital output PoCL / non-PoCL (10bits or 8bits)
Electronic shutter	1/60 to 1/50000 second or Variable shutter
Function	Trigger, vertical windowing up to 8 areas
Lens mount	C mount
Power-supply voltage/Power consumption	DC12V/2.3W
Operating ambient temperature	0~40°C
Vibration quality assurance test	98m/s ²
Dimensions	44 (W) x44 (H) x41 (L) mm
Mass	Approx 130g