

## High Color Reproduction 3CMOS Sensors Progressive Camera



**0.38MPIX** HV-FM30WCL

**2.3MPIX** HV-FM230SCL

### Features

- **High color reproduction**
- **Independent 6 colors masking** Red, Blue, Green, Cyan, Magenta, Yellow
- **Auto Shading Correction (ASC)** Auto correction Color unevenness by ASC
- **Frame On Demand** Image can be captured at any timing by inputting a trigger signal
- **Selective Power Supply**  
DC Power can be supplied from the frame grabber board through the Camera Link cable, and can be also supplied from the DCIN/SYNC port. (applied to HV-FM30WCL)

### Specifications

Model Line up	0.38 Million Pixels	2.3 Million Pixels
Model Name	HV-FM30WCL	HV-FM230SCL
Imaging Sensor	1/2.9 inch progressive scan CMOS(3sensors)	1/2.3 inch progressive scan CMOS(3sensors)
Imaging Pixels	720(H) × 540(V)	1920(H) × 1200(V)
Frame Rate	200fps	30fps
Pixel's Size	6.9μm × 6.9μm	3.45μm × 3.45μm
Lens Mount	C Mount	
Mainly Functions	Trigger, Partial scan, Electronic shutter	
Power Consumption	DC12V±1V approx. 333mA	DC12V±1V approx. 366mA
External Dimensions	55(W) × 55(H) × 89(D)mm (excluding protrusions)	
Mass	Approx. 220g (excluding lens)	

This product shall be proceeded in necessary steps under applicable export control laws and regulations before shipment. These specifications are subject to change without notice. All other trademarks are the property of their respective owners.

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

#### Hitachi Kokusai Electric Inc.

URL : <https://www.hitachi-kokusai.co.jp/global/en/index.html>  
32, Miyuki-cho, kodaira-shi, Tokyo 187-8511, Japan  
Phone : +81-42-322-3111, Fax : +81-42-322-3303

#### Hitachi Kokusai Electric Asia (Singapore) Pte. Ltd.

URL : <https://www.hitachi-kokusai.com.sg/>  
9 Tampines Grande, Asia Green, #02-00,  
Singapore 528 735  
Phone : +65-6911-6794

#### Hitachi Kokusai Electric America, Ltd.

URL : <https://www.hitachikokusai.us/>

#### Headquarters

104 Feeding Hills Road Southwick, MA 01077, U.S.A.  
Toll Free : +1 (833) 227-1658,  
Phone : +1 (669) 207-5038

#### West Office

11258 Monarch Street, Unit H  
Garden Grove, CA 92841, U.S.A.

**West Sales** Phone : +1 (516) 682-4448

**East Sales** Phone : +1 (516) 682-4445

**Midwest Sales** Phone : +1 (516) 682-4450

#### Hitachi Kokusai Electric Europe GmbH

URL : <https://www.hitachi-keu.com/>

#### Frankfurt Head Office

Siemensstr. 9, D-63263 Neu-Isenburg, Germany  
Phone : +49 (0) 6102-8332-0, Fax : +49 (0) 6102-8332-499

#### London Office

Orion House, Bessemer Road, Welwyn Garden City, Herts,  
AL7 1HH, UK  
Phone : +44 (0) 7808 330195

#### Hitachi Kokusai Linear Equipamentos Eletrônicos S/A

URL : <https://www.hitachi-linear.com.br/>

Avenida Frederico de Paula Cunha, 1001 - Maristela  
Santa Rita do Sapucaí - MG - Brasil - CEP: 37540-000  
Phone : +55 (35) 3473-3473, Fax : +55 (35) 3473-3474