

5 Mega Pixel

30 FPS

Advanced High Resolution and Fast Speed Camera

IC-C05HFMU
Full Size Camera

IC-C05HFSU
Separate Head Camera



The **IC-C05HFMU / IC-C05HFSU** industrial Digital Camera offers high performance in a very small footprint. The advanced 5M color CMOS sensor provides the absolute best image quality at an incredible frame rate of 30fps! The Camera Link Interface ensures High speed data transmission necessary for a wide variety of applications

Features

- 5 Mega pixel CMOS Sensor
- 2,624(H) x 1,920(V) 5M Pixel
- 30 fps High Speed Frame rate
- Global Reset Release(GRR)
- Camera Link Interface
- 2 Tap, 1CH base mode Camera Link Configuration
- 12 bit data out

Applications


- FA Machine Vision
- Robotics
- Packaging Inspection
- Quality Control
- Medical Imaging
- Industrial Imaging
- Industrial Inspection

Specifications

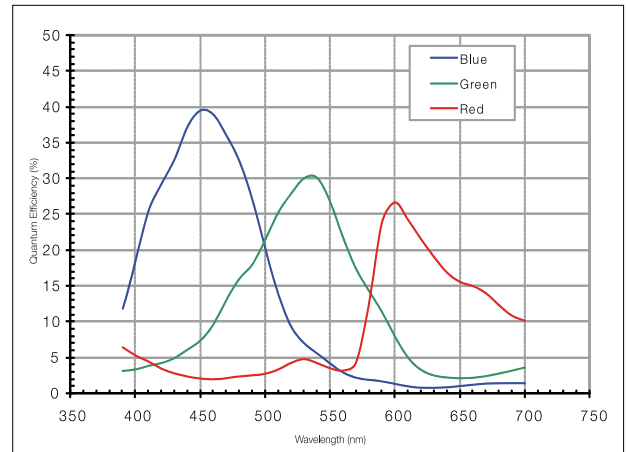
| | |
|-----------------|----------------------------------------------------------------|
| Model | IC-C05HFMU / IC-C05HFSU |
| Sensor | 5M Color CMOS Sensor |
| Pixel Size | 1.67µm x 1.67µm |
| Resolution | 2,624(H) x 1,920(V) 5M Pixel |
| Frame Rate | 2,624(H) x 1,920(V) Full size Mode: 30fps @ 80MHz 2Tap |
| Video Output | 12Bit Raw Bayer Camera Link, 1ch base Mode |
| Responsivity | 0.31V/Lux-sec(550nm) |
| Dynamic Range | 65.2dB |
| Operating Temp | -30°C~ +70°C |
| Humidity | 20% ~ 90% RH (Non Condensing) |
| Lens Mount | C Mount |
| Dimensions | 65mm (H) x 65mm (W) x 56.5mm (L) |
| Shock/Vibration | 25G (Half Sine 6~10ms XYZ Axis) 10G (5~150Hz 1minute XYZ Axis) |
| Weight | About 250g |

Cable Distance Available for Split Camera: 500mm

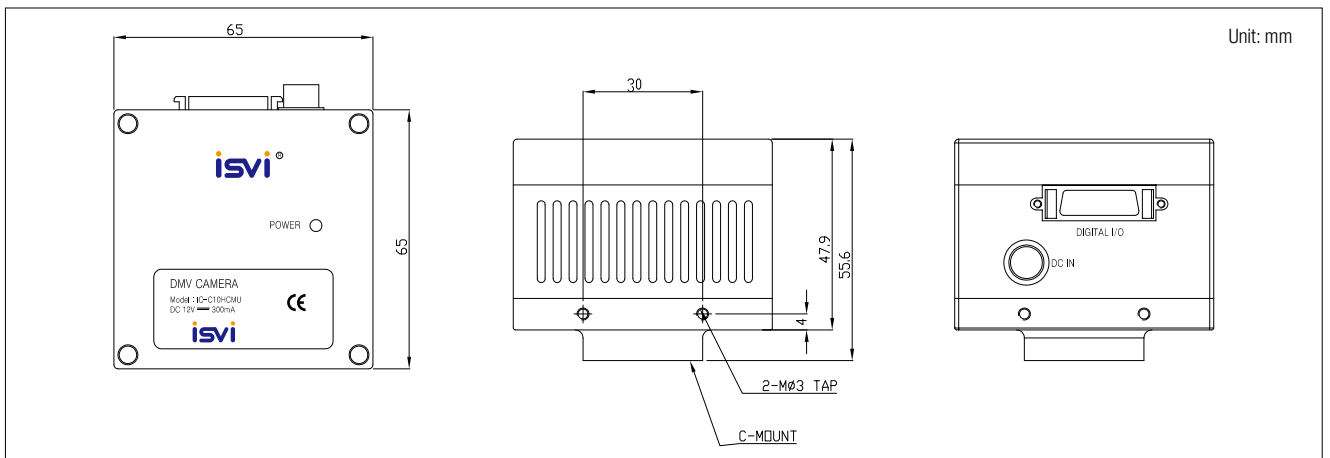
Connector Specifications

| | | |
|-------------------------------------------------------------------------------------|--------------|----------------|
|  | Power | 1: DC + 12V |
| | | 2: GND |
| | | 3: TRIGGER IN+ |
| | | 4: TRIGGER IN- |
| | | 5: STROBE+ |
| | | 6: STROBE- |

Spectral Response



Product Dimensions



Unit: mm



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