

25 Mega Pixel

27 FPS

Advanced High Resolution and Fast Speed Camera

IC-C25HFMU Color Camera

IC-M25HFMU B/W Camera



The **IC-C25HFMU / IC-M25HFMU** industrial Digital Camera offers high performance in a very small footprint. The advanced 25M color CMOS sensor provides the absolute best image quality at an incredible frame rate of 27 fps! The camera Link Interface ensures High speed data transmission necessary for a wide variety of applications.

Features

- 25 Mega Pixel CMOS Sensor
- 5,056(H) x 5,056(V) High Resolution Color Camera
- 27fps at max camera link speed
- Global Shutter
- Camera Link Interface
- 8 Tap, 2Ch Full Mode Camera Link Configuration
- 8 bit Data out

Applications

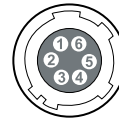
- FA Machine Vision
- Robotics
- Packaging Inspection
- Quality Control
- Medical Imaging
- Industrial Imaging
- Industrial Inspection

Specifications

Model	IC-C25HFMU / IC-M25HFMU
Sensor	25M Color CMOS Sensor
Sensor Size	1.26 inch
Pixel Size	4.5 μ m x 4.5 μ m
Resolution	5,056(H) x 5,056(V)
Frame Rate	27fps at max camera link speed / 25fps at 85MHz speed Grabber
Video Output	8bit only support
Dynamic Range	53dB
FPN Correction	CDS/DS
Full Well Charge	15500 e-
Operating Temp	0°C~ + 40°C
S/N ratio	Over 42dB
Aspect ratio	1:1 (square format)
Sensitivity	3.3V/lux.s
Gain control	from unity up to 10.88x (Total 12 step)
Gamma	$\gamma=1.0$ (Default), 0.45, LUT: 256 points
Trigger mode types	Triggered global shutter master mode & slave mode
Shutter speed	50 μ s ~ depends on the integration time
Lens Mount	F Mount
Shock/Vibration	25G (Half Sine 6 ~ 10msXYZ Axis) 10G (5 ~ 150Hz 1minute XYZ Axis)
Weight	About 520g

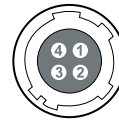
Connector Specifications

Power



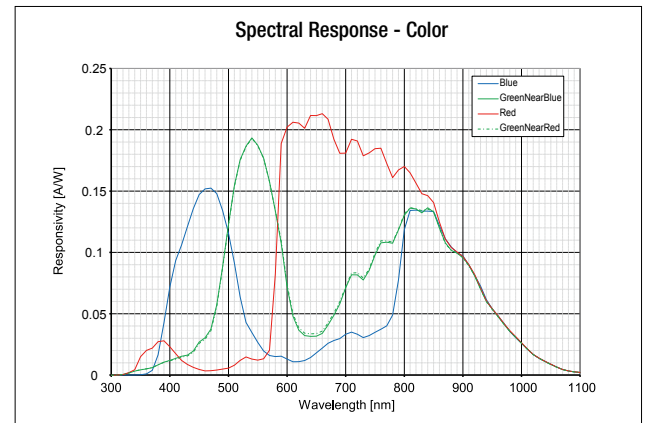
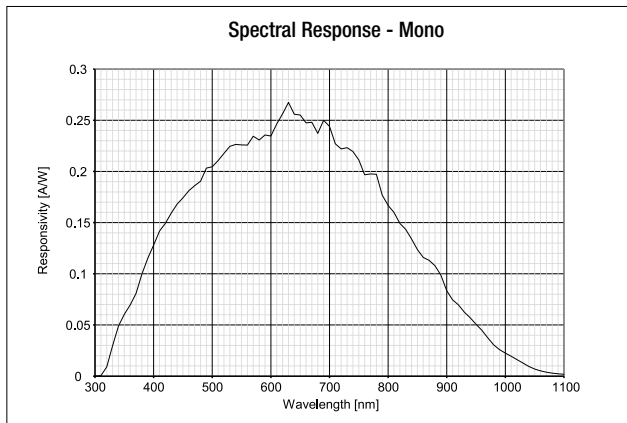
1, 2, 3 : +12V DC
4, 5, 6 : GND

Control

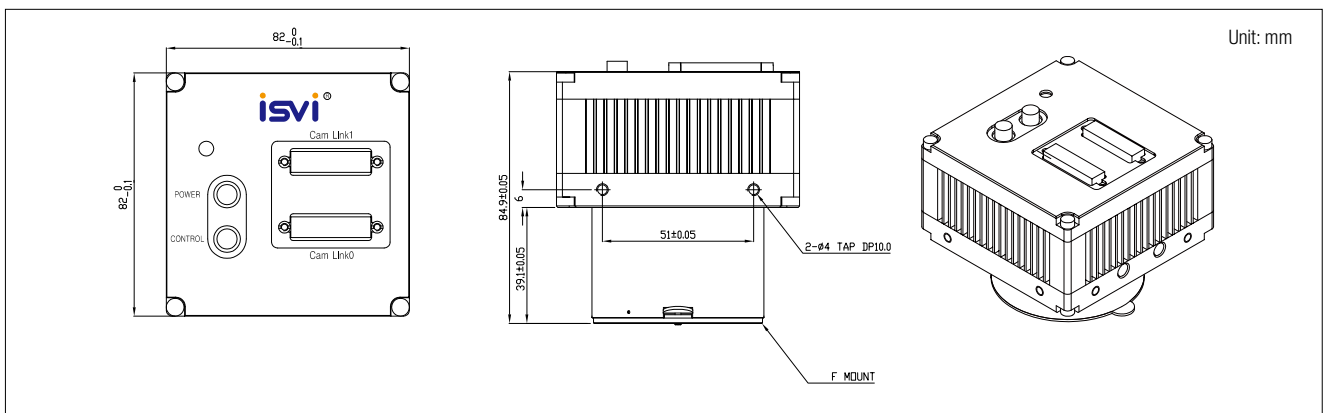


1 : Trigger IN+
2 : Trigger IN-
3 : Strobe OUT- (GND)
4 : Strobe OUT+

Spectral Response



Product Dimensions



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