

Model	VC-12MC-M/C 65
Resolution (H × V)	4096 × 3072
Sensor	CMOSIS CMV 12000
Sensor Size (Optical Format)	22.5 mm × 16.9 mm (Diagonal: 28.14 mm, APS-like)
Sensor Type	High Speed CMOS Image Sensor
Pixel Size	5.5 μm × 5.5 μm
Interface	Camera Link
Max. Frame Rate	2 Tap: 13 fps / 4 Tap: 26 fps / 8 Tap: 51.7 fps / 10 Tap: 64.3 fps
Transfer Time	2 Tap: 76.9 ms / 4 Tap: 38.5 ms / 8 Tap: 19.4 ms / 10 Tap: 15.6 ms
Pixel Data Format	8 bit (2/4/8/10 Tap) / 10 bit (2/4/8 Tap)
Electronic Shutter	Global Shutter
Pixel Clock Speed (Data Output)	85 MHz
Trigger Mode	Free-Run, Trigger/ Programmable Exposure Time and Trigger Polarity
Dynamic Range	60 dB
Dimension / Weight	68 mm × 68 mm x 80 mm, 432 g (F-mount)
Temperature	Operating: 0°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	F-mount, Custom mount available upon request
Power	10 ~ 14 V DC, MAX. 6 W
Compliance	CE, FCC, KC
Configuration Software	Configurator



Power

1 2 3: +12V DC, 4 5 6: GND (HR10A-7R-6PB)



Control

1: Trigger IN+, 2: Trigger IN-
3: DC Ground, 4: Strobe OUT+ (HR10A-7R-4S)

