

Model	VA-47MC-M/C 7
Resolution (H × V)	8856 × 5280
Pixel Size	5.5 μm × 5.5 μm
Sensor	On Semiconductor KAI-47051
Sensor Size (Optical Diagonal)	56.7 mm
Sensor Type	Progressive Scan Interline Transfer CCD
Sensor Output	16 Tap
Interface	Camera Link Medium
Max. Frame Rate	7 fps
Exposure Time	28 μs~60 s
Partial Scan (Max. Speed)	10 fps at 1056 Lines
Pixel Data Format	8 / 10 / 12 bit
Electronic Shutter	Global Shutter
Pixel Clock Speed (Data Output)	85 MHz
Exposure Mode	Free-Run,, Timed,, Trigger Width
Dynamic Range	66 dB
Binning	×1, ×2, ×4 (Horizontal and Vertical Independent)
Black level	Adjustable (0 ~ 255 LSB at 12 bit)
Video Gain	×1 ~ ×4
Dimension / Weight	85 mm × 85 mm × 71 mm 660 g
Lens Mount	M72-mount, Custom mount available upon request
Temperature	Operating: -5°C ~ 40°C, Storage: -40°C ~ 70°C
Power	10 ~ 15 V DC, Typical 16 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)

