

Model	VH-5MG2-M/C 16
Resolution (H × V)	2448 × 2056
Sensor	Sony ICX 625
Sensor Size (Optical Format)	2/3"
Sensor Type	Progressive Scan Interline Transfer CCD
Pixel Size	3.45 μm × 3.45 μm
Sensor Output	2 Tap
Pixel Data Format	8 bit, 10 bit, 12 bit
Output Format	Mono : Mono8, Mono10, Mono10 packed, Mono12, Mono12 packed Color : Bayer8, Bayer10, Bayer10 packed, Bayer12, Bayer12 packed
Interface	Gigabit Ethernet
Electronic Shutter	Global Shutter
Shutter Speed (10 μs step)	29 μs ~ 7 s
Partial Scan (Max. Speed)	41 fps at 256 Lines
Binning	×1, ×2 ×3, ×4 ×8 (Horizontal and Vertical Dependent)
Lookup Table	G = 1.0, User Defined Lookup Table (LUT)
Black Level	Adjustable (0 ~ 127 LSB at 12 bit, 256 steps)
Gain Control	×1 ~ ×40
Max. Frame Rate	16 fps
Data Output / Pixel Clock Speed	60 MHz
Exposure Mode	Timed Exposure, Trigger Width Exposure, Double Exposure
Dynamic Range	52 dB
Auto Control	Auto Gain, Auto Exposure, Auto White Balance
Camera Image Memory	128 MB
Dimension / Weight	68 mm × 68 mm × 54 mm , 395 g (with C-Mount) 68 mm × 68 mm × 83 mm , 430 g (with F-Mount)
Temperature	Operating: -5°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	C-mount or F-mount
Power	10 ~ 15 V DC, Max. 6 W
API SDK	Vieworks Imaging Solution



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)

