

Model		VA-16MG2
Resolution (H × V)		4896 × 3264
Sensor (Truesense Imaging)		KAI-16050
Sensor Size (Optical Format)		32 mm (APS-H)
Sensor Type		Progressive Scan Interline Transfer CCD
Pixel Size		5.5 μm × 5.5 μm
Sensor Output		1 or 2 Tap
Pixel Data Format		8/10/12 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)		8 μs ~ 7 s
Partial Scan (Max. Speed)		19 fps at 400 Lines
Binning		×1, ×2, ×3, ×4, ×8 (Horizontal and Vertical Independent)
Lookup Table		G = 1.0, User defined LUT (Look Up Table)
Black Level		Adjustable (0 ~ 127 LSB at 12 bit, 256 steps)
Gain Control		Analog: ×1 ~ ×40 (0 ~ 32 dB)
Max. Frame Rate		3.3 fps / 4.3 fps
Data Output		30 / 40 MHz
Pixel Clock Speed		
Exposure Mode		Timed Exposure, Trigger Width Exposure, Double Exposure
Dynamic Range		> 64 dB
Auto Control		Auto Gain, Auto Exposure, Auto White Balance
Camera Image Memory		128 MB
Dimension (W×H×L)/ Weight		68 mm × 68 mm × 54 mm/420 g (C-mount) 68 mm × 68 mm × 83 mm/460 g (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. 6W
API SDK		Vieworks Imaging Solution 6.X

Power



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

Control



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

