

Model	VG-310G-M/C120
Resolution (H × V)	656 × 488
Sensor	Sony ICX 424 AL/AQ
Sensor Size (Optical Format)	4.85 mm × 3.61 mm , 1/3"
Sensor Type	Progressive Scan Interline Transfer CCD
Pixel Size	7.4 μm × 7.4 μm
Sensor Output	1 Tap
Pixel Data Format	8 bit, 10 bit, 12 bit
Output Format	Mono : Mono8, Mono10, Mono10 packed, Mono12, Mono12 packed Color : Bayer BG8, Bayer BG12, Bayer BG12 packed, YUV422 packed, YUV422 (YUYV) packed
Interface	Gigabit Ethernet
Electronic Shutter	Global Shutter
Shutter Speed	22 μs ~ 7 s (10 μs step)
Partial Scan (Max. Speed)	451 fps at 60 Lines
Binning	×1, ×2, ×3, ×4 (Horizontal and Vertical Independent)
Lookup Table	G = 1.0, User defined LUT (Lookup Table)
Black Level	Adjustable (0 ~ 128 LSB at 12 bit, 256 steps)
Gain Control	Analog: ×1 ~ ×40 (0 ~ 32 dB)
Max. Frame Rate	120 fps
Exposure Mode	Timed, Trigger Width, Double Exposure
Dynamic Range	52 dB
Auto Control	Auto Gain, Auto Exposure, Auto White Balance
Dimension / Weight	C-mount : 29 mm × 29 mm × 56.4 mm , 91 g CS-mount : 29 mm × 29 mm × 51.4 mm , 86 g
Temperature	Operating: 0°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	C mount or CS mount
Power	Power over Ethernet (802.3af) or 8 ~ 38 V DC
API SDK	Vieworks Imaging Solution 6.X



1 : +12 V DC,
4 : I/O Output+
(HR10A-7R-6PB)

2 : Trigger IN+ 3 : Trigger IN-
5 : I/O Output- 6 : DC Ground

