

Model	VN-25MX-M/C 72
Resolution (H × V)	5120 × 5120
Sensor	On Semiconductor VITA-25K
Sensor Size (Optical Format)	23.04 mm X 23.04 mm (35 mm)
Sensor Type	High Speed CMOS Image Sensor
Pixel Size	4.5 μm × 4.5 μm
Interface	CoaXPress
Max. Frame Rate	(25M) 2 CH: 36 fps/ 4 CH: 72 fps @ 6.25 Gbps (100M) 2 CH: 9 fps / 4 CH: 18 fps @ 6.25 Gbps
Shutter Speed (1 μs step)	1 μs 60 s
Partial Scan (Max. Speed)	7692 fps at 4 Lines (H:256)
Pixel Data Format	8 bit, 10 bit
Electronic Shutter	Global Shutter
Gain Control	×1 ~ ×4
Black Level Control	0 - 16 LSB at 8 bit, 0 - 64 LSB at 10 bit
Exposure Mode	Free-Run, Timed, Trigger Width
Dynamic Range	54 dB
Shift Range	0 ~ 7.5 μm, 1 nm step
Shift Resolution	0.001 μm
Shift Control	Sequence Mode(mono4, mono9, mono2H, mono2V, color4, color16, color36)
Dimension / Weight	80 mm × 80 mm × 150 mm , 1100 g
Temperature	Operating: 0°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	F-mount
Power	Adapter : 11 ~ 30 V DC, Max. 14 W PoCXP : 24V DC, Minimum of two PoCXP cables required
API SDK	Vieworks Imaging Solution 7.X



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)

