

Model	VC-4MX-M/C 144
Resolution (H × V)	2048 × 2048
Sensor	CMOSIS CMV 4000
Sensor Size (Optical Format)	11.26 mm × 11.26 mm (1")
Sensor Type	High Speed CMOS Image Sensor
Pixel Size	5.5 μm × 5.5 μm
Interface	CoaXPress (CXP-6 DIN Single Channel)
Max. Frame Rate	144 fps @ 6.25 Gbps
Exposure Time (1 μs step)	16 μs - 60 s
Partial Scan (Max. Speed)	16394 fps at 4 Lines
Pixel Data Format	8 bit
Electronic Shutter	Global Shutter
Gain Control	×1 ~ ×4
Black Level Control	0 - 16 LSB
Exposure Mode	Free-Run, Timed, Trigger Width
Dynamic Range	52 dB
External Trigger	3.3 V ~ 24.0 V, 10 mA - Logical Level Input Optically isolated, CoaXPress Control Port
Dimension / Weight	40 mm × 40 mm × 41 mm, 200 g (C-mount)
Temperature	Operating: -5°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	C-mount
Power	Adapter : 10 ~ 24 V DC, typical 3 W / PoCXP : 24 V DC
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)

