

Model	VN-16MC-M/C 4
Resolution (H × V)	X1 Mode : 4872 × 3248, 15.8M X4 Mode : 9744 × 6496, 63.3M X9 Mode : 14616 × 9744, 142.4M
Sensor	Truesense Imaging KAI-16000
Sensor Size (Optical Format)	35 mm
Sensor Type	Progressive Scan Interline Transfer CCD
Pixel Size	7.4 μm × 7.4 μm
Interface	Camera Link
Max. Frame Rate (40 MHz)	X1 Mode : 4.2 fps X4 Mode : 1.1 fps X9 Mode : 0.5 fps
Exposure Time (10 μs step)	1/4500 s – 7s
Partial Scan (Max. Speed)	17 fps at 406 Lines
Pixel Data Format	8 bit, 10 bit, 12 bit
Electronic Shutter	Global Shutter
Camera Link Pixel Clock	30/40 MHz
Trigger Mode	Free-Run, Fast, Double, Overlap Programmable Exposure Time and Trigger Polarity
Dynamic Range	62 dB
Shift Range	0 ~ 15 μm, 1 nm step
Shift Resolution	0.001 μm
Shift Control	Manual Mode or Sequence Mode (4/9 Shot Mono, 4/16/36 Shot Color)
Shift Latency	< 8 ms
Dimension / Weight	90 mm × 90 mm × 123.5 mm , 1200 g
Temperature	Operating: 10°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	F-mount, Custom mount available upon request
Power	10 ~ 14 V DC, Max. 8 W
Configuration Software	Configurator



### 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)

