

Model	VP-29MC-M/C 5
Resolution (H × V)	6576 × 4384
Sensor	Truesense Imaging KAI-29050
Sensor Size (Optical Format)	35 mm
Sensor Type	Progressive Scan Interline Transfer CCD
Pixel Size	5.5 μm × 5.5 μm
Interface	Camera Link
Max. Frame Rate (40 MHz)	5 fps
Exposure Time (10 μs step)	1/100000s -7s
Partial Scan (Max. Speed)	15.3 fps at 1200 Lines
Pixel Data Format	8 bit, 10 bit, 12 bit
Electronic Shutter	Global Shutter
Data Output Pixel Clock	40/80 MHz
Trigger Mode	Free-Run, Fast, Double, Overlap, Programmable Exposure Time and Trigger Polarity
Dynamic Range	62 dB
Cooling Method	Thermoelectric Peltier Cooling
Cooling Performance	15 °C below ambient temperature - Standard cooling with a fan
Dimension / Weight	90 mm × 90 mm × 142 mm , 1550 g (with F-mount)
Temperature	Operating: -5°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	No mount or F-mount, Custom mount available upon request
Power	10 ~ 14 V DC, Max. 28 W
Compliance	CE, FCC, KC (Application of VP-8MC in preparation)
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)

