

Model	VC-3MC-M/C 280
Resolution (H × V)	1696 × 1710
Sensor	On Semiconductor / LUPA 3000
Sensor Size (Optical Format)	13.57 mm × 13.68 mm (1")
Sensor Type	High Speed CMOS Image Sensor
Pixel Size	8.0 μm × 8.0 μm
Interface	Camera Link
Max. Frame Rate	2 Tap: N/A / 4 Tap: N/A / 8 Tap: 227 fps / 10 Tap: 284 fps
Transfer Time	2 Tap: N/A / 4 Tap: N/A / 8 Tap: 4.41 ms / 10 Tap: 3.51 ms
Pixel Data Format	8 bit (8, 10 tap)
Electronic Shutter	Global Shutter
Pixel Clock Speed (Data Output)	85 MHz
Trigger Mode	Free-Run, Trigger/ Programmable Exposure Time and Trigger Polarity
Dynamic Range	60 dB
Dimension / Weight	68 mm × 68 mm x 54 mm, 373 g (with C-mount)
Temperature	Operating: 0°C ~ 40°C, Storage: -40°C ~ 70°C
Lens Mount	C or F-mount
Power	10 ~ 14 V DC, MAX. 6 W
Compliance	CE, FCC, KC
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)

