

**Preliminary**

# VZ Series

## Compact Cameras with GigE and USB 3.0 Interface

### Main Features

- Suitable for a wide range of applications
- 0.4MP to 20MP resolution
- GigE and USB3.0 interface
- Light and compact dimension

GigE Series



USB 3.0 Series



Model	Resolution	Sensor	Pixel Size ( $\mu\text{m}$ )	Sensor Type	Frame Rate
VZ-400G-M/C 302H00 (CM)	720×540	IMX287 (SONY)	6.9 $\mu\text{m}$ x 6.9 $\mu\text{m}$	Mono / Color	302 fps
VZ-1600G-M/C 75H00 (CM)	1440×1080	IMX273 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	75 fps
VZ-2MG-M/C 60C00 (CM)	1600×1200	EV76C570 (Onsemi)	4.5 $\mu\text{m}$ x 4.5 $\mu\text{m}$	Mono / Color	60 fps
VZ-2MG-M/C 41H00 (CM)	1920×1200	IMX249 (SONY)	5.86 $\mu\text{m}$ x 5.86 $\mu\text{m}$	Mono / Color	41 fps
VZ-3MG-M/C 37H00 (CM)	2048×1536	IMX265 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	37 fps
VZ-5MG-M/C 23H00 (CM)	2448×2048	IMX264 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	23 fps
VZ-5MG-M 23H00-POL (CM)				Polarization	
VZ-5MG-M 23C00-NIR (CM)	2592×1944	AR0522 (Onsemi)-NIR	2.2 $\mu\text{m}$ x 2.2 $\mu\text{m}$	Mono / NIR	23 fps
VZ-5MG-M/C 23C00 (CM)		AR0521 (Onsemi)	2.2 $\mu\text{m}$ x 2.2 $\mu\text{m}$	Mono / Color	
VZ-12MG-M/C 9H00 (CM)	4024×3036	IMX226 (SONY)	1.85 $\mu\text{m}$ x 1.85 $\mu\text{m}$	Mono / Color	9 fps
VZ-12MG-M/C 9H10 (CM)	4096×3000	IMX304 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	9 fps
VZ-20MG-M/C 6H00 (CM)	5496×3672	IMX183 (SONY)	2.4 $\mu\text{m}$ x 2.4 $\mu\text{m}$	Mono / Color	6 fps



Model	Resolution	Sensor	Pixel Size ( $\mu\text{m}$ )	Sensor Type	Frame Rate
VZ-400U-M/C 528H00 (CM)	720×540	IMX287 (SONY)	6.9 $\mu\text{m}$ x 6.9 $\mu\text{m}$	Mono / Color	528 fps
VZ-1600U-M/C 227H00 (CM)	1440×1080	IMX273 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	227 fps
VZ-2MU-M/C 41H00 (CM)	1920×1200	IMX249 (SONY)	5.86 $\mu\text{m}$ x 5.86 $\mu\text{m}$	Mono / Color	41 fps
VZ-2MU-M/C 168H00 (CM)	1920×1200	IMX174 (SONY)	5.86 $\mu\text{m}$ x 5.86 $\mu\text{m}$	Mono / Color	168 fps
VZ-3MU-M/C 56H00 (CM)	2048×1536	IMX265 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	56 fps
VZ-5MU-M/C 79H00 (CM)	2448×2048	IMX250 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	79 fps
VZ-5MU-M 79H00-POL (CM)				Polarization	
VZ-5MU-M/C 36H00 (CM)	2448×2048	IMX264 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	36 fps
VZ-5MU-M 36H00-POL (CM)				Polarization	
VZ-12MU-M/C 32H00 (CM)	4024×3036	IMX226 (SONY)	1.85 $\mu\text{m}$ x 1.85 $\mu\text{m}$	Mono / Color	32 fps
VZ-12MU-M/C 23H00 (CM)	4096×3000	IMX304 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	23 fps
VZ-12MU-M/C 32H10 (CM)	4096×3000	IMX253 (SONY)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$	Mono / Color	32 fps
VZ-20MU-M/C 19H00 (CM)	5496×3672	IMX183 (SONY)	2.4 $\mu\text{m}$ x 2.4 $\mu\text{m}$	Mono / Color	19 fps