CAVITAR
VALUE IN SIGHT

	C300 C300 Series	C330 C300 Series	C350 C300 Series	C400 C400 Series (IP64)	C430 C400 Series (IP64)	C401 C401 Series (IP68)	C431 C401 Series (IP68)	C500 C500 Series	C530 C500 Series	C550 C500 Series
Main features	Most compact Baumer electronics & SDK Adjustable working distance	Fast GigE Baumer electronics & SDK Adjustable working distance	Fast USB3 Baumer electronics & SDK Adjustable working distance	Compact & Robust Baumer electronics & SDK Adjustable working distance	Fast GigE Version Baumer electronics & SDK Adjustable working distance	Most Robust - IP68 Baumer electronics & SDK Fixed working distance	Fast GigE Version Baumer electronics & SDK Fixed working distance	High Magnification Baumer electronics & SDK Adjustable working distance	Fast GigE Baumer electronics & SDK Adjustable working distance	Fast USB3 Baumer electronics & SDK Adjustable working distance
Connectors	M12 GigE, M8 power	M12 GigE, M8 power	Micro-B USB3, M8 power	M12 GigE, M12 power	M12 GigE, M12 power	Lemo connectors	Lemo connectors	M12 GigE, M12 power	M12 GigE, M12 power	Micro-B USB3, M12 power
Sensor resolution (pixel)	1440x1080	720x540	1440x1080	1440x1080	720x540	1440x1080	720x540	1440x1080	720x540	1440x1080
Max frame rate @ full resolution (fps)	70	300	200	70	300	70	300	70	300	200
Max frame rate @ 2x2 binning 720x540 pixels (fps)	100	430	500	100	430	100	430	100	430	500
Working distance, WD (mm)	150...300	150...300	150...300	150...300	150...300	150...300	150...300	120...300	120...300	120...300
Field of view (mm x mm) @ WD (mm)	28x21@150 40x30@200 62x47@300	28x21@150 40x30@200 62x47@300	28x21@150 40x30@200 62x47@300	28x21@150 40x30@200 62x47@300	28x21@150 40x30@200 62x47@300	28x21@150 40x30@200 62x47@300	28x21@150 40x30@200 62x47@300	10x8@120 14x11@150 30x22@300	10x8@120 14x11@150 30x22@300	10x8@120 14x11@150 30x22@300
Camera interface	GigE	GigE	USB3	GigE	GigE	GigE	GigE	GigE	GigE	USB3
Illumination	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R	650nm laser, class 3R
Size (WxHxL, mm), excluding connectors	30x45x99	30x45x99	30x45x99	38x48x99	38x48x99	41x51x107	41x51x107	47x53x158	47x53x158	47x53x158
Weight (g)	200	200	200	350	350	415	415	750	750	750
Operating temperature (°C)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)	10...300 (with cooling and insulation, non-condensing)
Cooling options	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)	passive or active (air/liquid circulation)