Lumens Family VC Series

Model	VC-G50	VC-G30	VC-B20D	VC-A20P	VC-A50S	VC-B20DU	VC-G30SU
Sensor	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2 MP CMOS	1/2.8" 2 MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS
Video Output	1080p 60 / 50 fps 1080i 60 / 50 fps 720p 60 / 50 fps 720p 30 / 25 fps NTSC / PAL	1080p 60 / 50 fps 1080i 60 / 50 fps 720p 60 / 50 fps 720p 30 / 25 fps NTSC / PAL	1080p 60/ 50/ 30 25 fps 1080i 50/ 60 fps 720p 60/ 50/ 30/ 25 fps	1080p 60 / 59.94 / 50 / 30 / 29.97 fps, 1080i 50 / 60 fps, 720p 60 / 50 fps, NTSC / PAL	1080i 59.94 fps 1080p 60/ 59.94/ 50/ 30/ 29.97 fps, 1080i 50/ 60 fps 720p 60/ 59.94/ 50 fps 720p 30/ 25 fps NTSC/ PAL	1080p 60/ 50/ 30 25 fps 1080i 50/ 60 fps 720p 60/ 50/ 30/ 25 fps	1080p 60 / 50 fps 1080i 60 / 50 fps 720p 60 / 50 fps 720p 30 / 25 fps NTSC / PAL
Optical Zoom	20x	15x	5x	10x	20x	5x	15x
Panning Angle	-170° ~ +170°	-170° ~ +170°	-100° ~ +100°	-170° ~ +170°	-170° ~ +170°	-100° ~ +100°	-170° ~ +170°
Tiliting Angle	-30° ~ +90°	-30° ~ +90°	-30° ~ +30°	-30° ~ +90°	-30° ~ +90°	-30° ~ +30°	-30° ~ +90°
Panning Speed	300°/sec	300°/sec	120°/sec	120°/sec	300°/sec	120°/sec	300°/sec
Tiliting Speed	300°/sec	300°/sec	120°/sec	120°/sec	300°/sec	120°/sec	300°/sec
Preset Positions	128	128	128	128	128	128	128
Video Output (HD) Interface	DVI, Component, 3G-SDI	DVI, Component, 3G-SDI	DVI-I	DVI-I, Ethernet	Component, DVI, 3G-SDI	DVI-I / USB	DVI, Component, 3G-SDI, USB
Video Output (SD) Interface	CVBS (C-Video)	CVBS (C-Video)	NA	CVBS (C-Video)	CVBS (C-Video)	NA	CVBS (C-Video)
Camera Control Interface	RS232C/RS422	RS232C/RS422	RS-232	RS-232 / RS-422 / Ethernet	RS-232/ RS-422	RS-232	RS232/ RS422
Camera Control Protocol	VISCA/ PELCO D	VISCA/ PELCO D	VISCA	VISCA / ONVIF / PELCO D	VISCA/ PELCO D	VISCA	VISCA/ PELCO D
Video S/N Ratio	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB
Shutter Speed	1/1 ~ 1/10,000 sec	1/1 ~ 1/10,000 sec	1/8 ~ 1/10,000 sec	1/1 ~ 1/10,000 sec	1/1 ~ 1/10,000 sec	1/8 ~ 1/10,000 sec	1/1 ~ 1/10,000 sec
Focal Length	4.7 mm~94 mm	4.7 mm ~ 70.5 mm	f = 4 ~ 20 mm	f = 5 ~ 50 mm	f= 4.7 mm~94 mm	f = 4 ~ 20 mm	f = 4.7 mm ~ 70.5 mm
Horizontal Viewing Angle	63~4.8°	63~6°	70°	56.5°	63°	70°	63~6°
Aperture	F1.6~F3.5	F1.6~F3.5	F2.8 ~ 3.9	F1.8 ~ 3.0	F1.6~ 3.5	F2.8 ~ 3.9	F1.6~F3.5
Minimum Illumination	5 lux	5 lux	15 lux	5 lux	5 lux	15 lux	5 lux
Minimum Object Distance	300 mm (Wide) ~ 1500 mm (Tele)	100 mm (Wide) ~ 1000 mm (Tele)	50 mm (Wide) ~ 1000 mm (Tele)	100 mm(Wide) ~ 1000 mm(Tele)	300 mm(Wide) ~ 1500 mm(Tele)	50 mm (Wide) ~ 1000 mm (Tele)	100 mm (Wide) ~ 1000 mm (Tele)
Digital Zoom	12x	12x	12x	NA	12x	12x	12x
Gain Control	Auto/Manual	Auto/Manual	Auto/Manual	Auto, manual	Auto, manual	Auto/Manual	Auto/Manual
White Balance	Auto, Indoor, Outdoor, One-Push, Manual	Auto, Indoor, Outdoor, One-Push, Manual	Auto, Indoor, Outdoor, One-Push, Manual	Auto, indoor, outdoor, one-push, manual	Auto, indoor, outdoor, one-push, manual, R/B Gain	Auto, Indoor, Outdoor, One-Push, Manual	Auto, Indoor, Outdoor, One-Push, Manual
Exposure Control	Auto, Manual	Auto, Manual	Auto, Manual	Auto, manual	Auto, manual	Auto, Manual	Auto, Manual
Focus System	Auto, Manual	Auto, Manual	Auto, Manual	Auto, manual	Auto, manual	Auto, Manual	Auto, Manual
WDR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Image Flip	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3D NR	Yes	Yes	Yes	Yes	Yes	Yes	Yes