



Lumens Family VC Series

Model	VC-B20U	VC-B20DU	VC-B20D
			
Sensor	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS
Video Output	YUV2 and MJPEG format 1080p 60/ 50/ 30/ 25 fps 720p 60/ 50/ 30/ 25 fps 640x480 60/ 50/ 30/ 25 fps 640x360 60/ 50/ 30/ 25 fps	1080p 60/ 50/ 30/ 25 fps 1080i 50 / 60 fps 720p 60/ 50/ 30/ 25 fps	1080p 60/ 50/ 30/ 25 fps 1080i 50 / 60 fps 720p 60/ 50/ 30/ 25 fps
Optical Zoom	5x	5x	5x
Panning Angle	-100° ~ +100°	-100° ~ +100°	-100° ~ +100°
Tilting Angle	-30° ~ +30°	-30° ~ +30°	-30° ~ +30°
Panning Speed	100°/sec	100°/sec	100°/sec
Tilting Speed	100°/sec	100°/sec	100°/sec
Preset Positions	128	128	128
Video Output (HD) Interface	USB 3.0 and USB 2.0	DVI-I / USB	DVI-I
Video Output (SD) Interface	NA	NA	NA
Camera Control Interface	USB, RS-232	RS-232	RS-232
Camera Control Protocol	VISCA	VISCA	VISCA
Video S/N Ratio	> 50dB	> 50dB	> 50dB
Shutter Speed	1/1 ~ 1/10,000 sec	1/8 ~ 1/10,000 sec	1/8 ~ 1/10,000 sec
Focal Length	f = 4 ~ 20 mm	f = 4 ~ 20 mm	f = 4 ~ 20 mm
Horizontal Viewing Angle	70°	70°	70°
Aperture	F2.8 ~ 3.9	F2.8 ~ 3.9	F2.8 ~ 3.9
Minimum Illumination	1.6lux (F2.8, 50IRE, 60fps)	1.6 lux (F2.8, 50IRE, 60fps)	1.6 lux (F2.8, 50IRE, 60fps)
Minimum Object Distance	50 mm (Wide) ~ 1000 mm (Tele)	50 mm (Wide) ~ 1000 mm (Tele)	50 mm (Wide) ~ 1000 mm (Tele)
Digital Zoom	NA	12x	12x
Gain Control	Auto/Manual	Auto/Manual	Auto/Manual
White Balance	Auto, One-Push, Manual	Auto, indoor, outdoor, one-push, manual	Auto, indoor, outdoor, one-push, manual
Exposure Control	Auto, Manual	Auto, Manual	Auto, Manual
Focus System	Auto, Manual	Auto, Manual	Auto, Manual
WDR	NA	Yes	Yes
Image Flip	Yes	Yes	Yes
3D NR	Yes	Yes	Yes