GEViCAM

<Product Line>

as of Jan. 2009

						Preliminary	Preliminary	Preliminary		Preliminary
	Single Tap								Dual Tap	
	GP-3360 / 3360C	GP-2360 / 2360C	GP-3780 / 3780C	GP-21400 / 21400C 21400UV	GP-151400 / 151400C NIR	GP-2400 / 2400C NIR	GP-4360 / 4360C NIR	GP-182000 / 182000C	GD-155000 / 155000C	GD-3400 / 3400C 3400UV
CCD Imager	1/3" VGA ICX424	1/2" VGA ICX414	1/3" XGA ICX204	1/2" SXGA ICX205 (UV:ICX407)	2/3" SXGA ICX285	1/2" VGA ICX428	1/4" VGA ICX618	1/1.8" 2 Mega ICX274	2/3" 5 Mega ICX625	1/3" VGA KAI-340D
Active Pixels (data out)	656 x 494	656 x 494	1032 x 779	1392 x 1040	1392 x 1040	768 x 490	656 x 494	1628 x 1236	2356 x 2058	648 x 480
Pixel Size (μm)	7.4 x 7.4	9.9 x 9.9	4.65 x 4.65	4.65 x 4.65	6.46 x 6.46	8.4 x 9.8	5.6 x 5.6	4.4 x 4.4	3.45 x 3.45	7.4 x 7.4
Active Area (mm)	4.85 (H) x 3.66 (V)	6.49 (H) x 4.89 (V)	4.80 (H) x 3.62 (V)	6.47 (H) x 4.84 (V)	8.99 (H) x 6.72(V)	6.45 (H) x 4.80 (V)	3.67 (H) x 2.77 (V)	7.16 (H) x 5.44 (V)	8.47 (H) x 7.10(V)	4.80 (H) x 3.55 (V)
Scanning Mode	Progressive scan full	Progressive scan full	Progressive scan full	Progressive scan full	Progressive scan full	Interlace format	Progressive scan full	Progressive scan full	Progressive scan full	Progressive scan full
Frame Rate	100 fps @ 40 MHz (190 fps: Partial Scan)	100 fps @ 40 MHz (190 fps: Partial Scan)	31 fps @ 31 MHz (53 fps: Partial Scan)	23 fps/ 30fps @ 40 MHz (32 fps: Partial Scan)	22 fps @ 40 MHz (29 fps: Partial Scan)	84fps @40MHz (168 Fields)	100 fps @ 40 MHz (190 fps: Partial Scan)	17 fps @ 40 MHz (30fps:Partial scan)	12 fps @ 40 MHz x 2 (15 fps:16:9 Partial Scan)	270 fps @ 50 MHz x 2 (515 fps: Partial scan) (529 fps:Binning) (1304 fps:224x240)
Data Clock	40 MHz	40 MHz	31 MHz	40 MHz	40 MHz	40 MHz	40 MHz	40 MHz	80 MHz	100 MHz
Data Output	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Resolution	656 x 494	656 x 494	1032 x 779	1392 x 1040	1392 x 1040	768 x 490	656 x 494	1628 x 1236	2456 x 2058	648 x 480
S/N Ratio	>58 dB	>58 dB	>58 dB	>58 dB	>60 dB	>58 dB	>58 dB	>58 dB	>56 dB	>58 dB
Minimum Illumination	1.0 lux at 100 fps	1.0 lux at 100 fps	1.0 lux at 31 fps	0.5 lux at 23 fps	0.5 lux at 22 fps	1.0 lux at 84 fps	1.0 lux at 100 fps	0.5 lux at 17 fps	0.5 lux at 12 fps	2.0 lux at 270 fps
Gamma	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT	1.0 / 0.45 LUT
Power Requirement	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W	12 V DC ±10%, 4W
Lens Mount	C-mount or CS	C-mount or CS	C-mount or CS	C-mount or CS	C-mount or CS	C-mount or CS	C-mount or CS	C-mount or CS	C-mount or CS	C-mount or CS
Operating Temperature	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
Vibration	7Grms	7Grms	7Grms	7Grms	7Grms	7Grms	7Grms	7Grms	7Grms	7Grms
Shock	70G	70G	70G	70G	70G	70G	70G	70G	70G	70G
Size (mm)	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68	34 x 34 x 68
Weight	115g (4oz)	115g (4oz)	115g (4oz)	115g (4oz)	115g (4oz)	115g (4oz)	115g (4oz)	115g (4oz)	115g (4oz)	115g (4oz)