

gigashot A SERIES



gigashot K SERIES



KEY COMPONENTS		gigashot A SERIES A40FE/A100FE	gigashot K SERIES K40HE/K80HE
Image sensor		1/3" CMOS sensor	1/3" CMOS sensor
Total pixels		Approx. 2360K	Approx. 1350K
Effective pixels	Video	Approx. 1490K pixels	Approx. 920K pixels
	Still image	Approx. 1490K pixels	Approx. 920K pixels
Lens	Optical zoom	10x optical zoom	10x optical zoom
	Digital zoom	20x, 80x digital zoom	30x digital zoom
	Focal length	f = 4.5-45mm	f = 6.0-60.0mm
	35mm conversion	f = 35.9-431mm	f = 46.2-503.6mm
	Max. f/Stop	f = 1.8-2.8mm	f = 3.5mm
	Filter diameter	43mm	43mm
LCD monitor		3.0" 16:9 TFT colour LCD Approx. A Series 236K, K Series 230K pixels (959 x 240)	
Shooting range		WIDE: 0.01m to infinity TELE: 1.0m to infinity	WIDE: 0.1m to infinity TELE: 1.0m to infinity
Image stabilisation		Electronic stabilisation	Electronic stabilisation
Focus control method		Total contrast-detection AF	Total contrast-detection AF
Exposure control mode		Programmed AE	Programmed AE
Metering mode		TTL zoned metering, metering modes: spot	TTL zoned metering, metering modes: centre-weighted, spot
Brightness		-2EV to +2EV (1/3EV step)	-2EV to +2EV (1/3EV step)
Still photography sensitivity		Auto: ISO 50 - 400 equivalents	Auto: ISO 100 - 200 equivalents
White balance		Auto, sunlight, cloud, fluorescent light H, fluorescent light L, incandescent lamp, preset	
Operating environment	Temperature	+41°F (+5°C) to +104°F (+40°C) (running) / -4°F (-20°C) to +140°F (+60°C) (stored)	
	Humidity	30% to 80% RH (running no condensation)	
Shutter speed	Video	1/8 to 1/500 sec.	1/15 to 1/4800 sec.
	Still image	1/2 to 1/500 sec. (combination electronic and mechanical shutter)	1 to 1/1000 sec. (combination electronic and mechanical shutter)
I/O terminals	DC IN 10V terminal	Yes	Yes
	USB terminal	Yes	Yes
	AV out terminal	Yes	Yes
	Component terminal	Yes	Yes
	HDMI terminal (type C)	Yes	Yes
Battery		Rechargeable lithium-ion battery (GSC-BT6)	Rechargeable lithium-ion battery (GSC-BT6)
AC adapter		Yes (SQPH20W10P-02)	Yes (SQPH20W10P-02)
Recording media	Hard disk drive ¹	A100FE: 100GB A40FE: 40GB	K80H: 80GB K40H: 40GB
	SD memory card	Up to 8GB SDHC/SD supported	Up to 8GB SDHC/SD supported
Video	Recording format	MPEG-4 AVC/H.264 (60fps)	MPEG-4 AVC/H.264 (60fps)
	Recording pixels	1920 x 1080i, 1440 x 1080i	1280 x 720p
Audio		Dolby Digital, 48kHz, 16bit, stereo, 384kbps	AAC, 48kHz, 16bit, stereo, 128kbps
Still image	Recording format	JPEG (Exif 2.21, DCF2.0-compliant)	JPEG (Exif 2.21, DCF2.0-compliant)
	Recording pixels	2070K pixels (1920 x 1080i) 1560K pixels (1440 x 1080i)	920K pixels (1280 x 720p)
Video recording time ² in HDD (MAX BITRATE)		XQ: A100FE: 12h 00m A40FE: 4h 40m HQ: A100FE: 17h 40m A40FE: 7h 00m SP: A100FE: 23h 20m A40FE: 9h 20m	SHQ: K80HE: 11h 30m K40HE: 5h 40m HQ: K80HE: 14h 20m K40HE: 7h 10m SP: K80HE: 19h 10m K40HE: 9h 30m
Still image recording ³ in HDD		A100FE: 9,999 images A40FE: 9,999 images	K80HE: 9,999 images K40HE: 9,999 images
Continuous recording time		Over 95 minutes	Over 120 minutes
Still image recording in SD card or SDHC card		8GB 4GB 2GB 1GB 512MB 7,600 3,700 1,920 980 490	8GB 4GB 2GB 1GB 512MB 9,999 6,400 3,200 1,600 800
Dimension excluding battery (W x D x H)		78.1mm x 135.4mm x 79.0mm	86.8mm x 135.5mm x 80.0mm
Weight	Excluding battery & SD card	A100FE: approx. 495g A40FE: approx. 485g	K80HE: approx. 515g K40HE: approx. 500g
	Including battery & SD card	A100FE: approx. 555g A40FE: approx. 545g	K80HE: approx. 585g K40HE: approx. 570g
System requirements		OS: Windows® XP Home Edition, Windows® XP Professional, Windows® XP Media Center Edition, Windows Vista™ Home Basic, Windows Vista™ Home Premium, Windows Vista™ Ultimate, Windows Vista™ Business, Windows Vista™ Enterprise (not support 64bit OS). CPU: Pentium® 4 3.6GHz or better; Pentium® D 3.2GHz (A series), 2.8GHz (K series) or better; Core™ Duo 2.0GHz (A series), 1.66GHz (K series) or better; Core™ 2 Duo 1.66GHz or better. RAM: 1GB or better. Hard disk drive capacity: Minimum 30GB required for HD DVD writing. Display: Display adapter with 1024 x 768 or better (NVIDIA GeForce 7600GT or better, AMD (ATI) Radeon X1600 or better recommended). Interfaces: USB 1.1 or USB 2.0 installed in the PC (USB 2.0 recommended). Supported media: Depending on the drive used for authoring; DVD-Video: DVD-R/-RW/-R DL, DVD+R/-RW/+R DL. HD DVD-Video: HD DVD-R. Supported drives: HD DVD-R drive (required for writing HD image on HD DVD disc) DVD-R drive (required for writing on DVD disc. HD image will be converted to SD image).	
Accessories		Remote controller, USB cable, AV cable, component cable, software CD-ROM, owner's manual CD-ROM, Quick Help Guide, Quick Start Guide, lens cover (built-in on A Series), dedicated rechargeable Li-Ion battery, AC adaptor.	



¹ 1GB = 1 billion bytes. Actual formatted capacity may be less.

² The recording time in HDD and SD card. The available recording time actually displayed will vary depending on the image quality and the amount of space available on the drive.

³ The recording time in HDD, SD card or SDHC card. The available recording time actually displayed will vary depending on the image quality and the amount of space available on the memory.