

**SURPRISES.
MADE
SMALLER.**

> THE NEW TOSHIBA GIGASHOT

TOSHIBA
Leading Innovation >>>

A close-up, angled photograph of a light-colored Toshiba device. The word "TOSHIBA" is embossed in large, bold, capital letters across the upper portion of the frame. Below the logo, a speaker grille is visible, consisting of a grid of small, dark circular perforations. To the left of the grille, there is a small, square icon containing a stylized letter "R". The background is softly blurred, showing parts of the device's casing and a dark rectangular slot at the top left.

TOSHIBA

**INNOVATION
WITH FOCUS**

PICTURE THIS

Small made smaller. Light made lighter and bright made brighter. Now picture them all in high definition, helping you capture memories in the palm of your hand.

Introducing two of the smallest, lightest and most versatile HD digital camcorders in the world.

The Toshiba Gigashot Series.

**THE DEFINITION OF
HIGH DEFINITION**

Imagine photo and video memories, so accurately defined by full-HD colour and clarity that they transport you right back to the time and place they were taken. With the Toshiba Gigashot range, you'll experience video and picture quality with a resolution of up to 1080i HD.



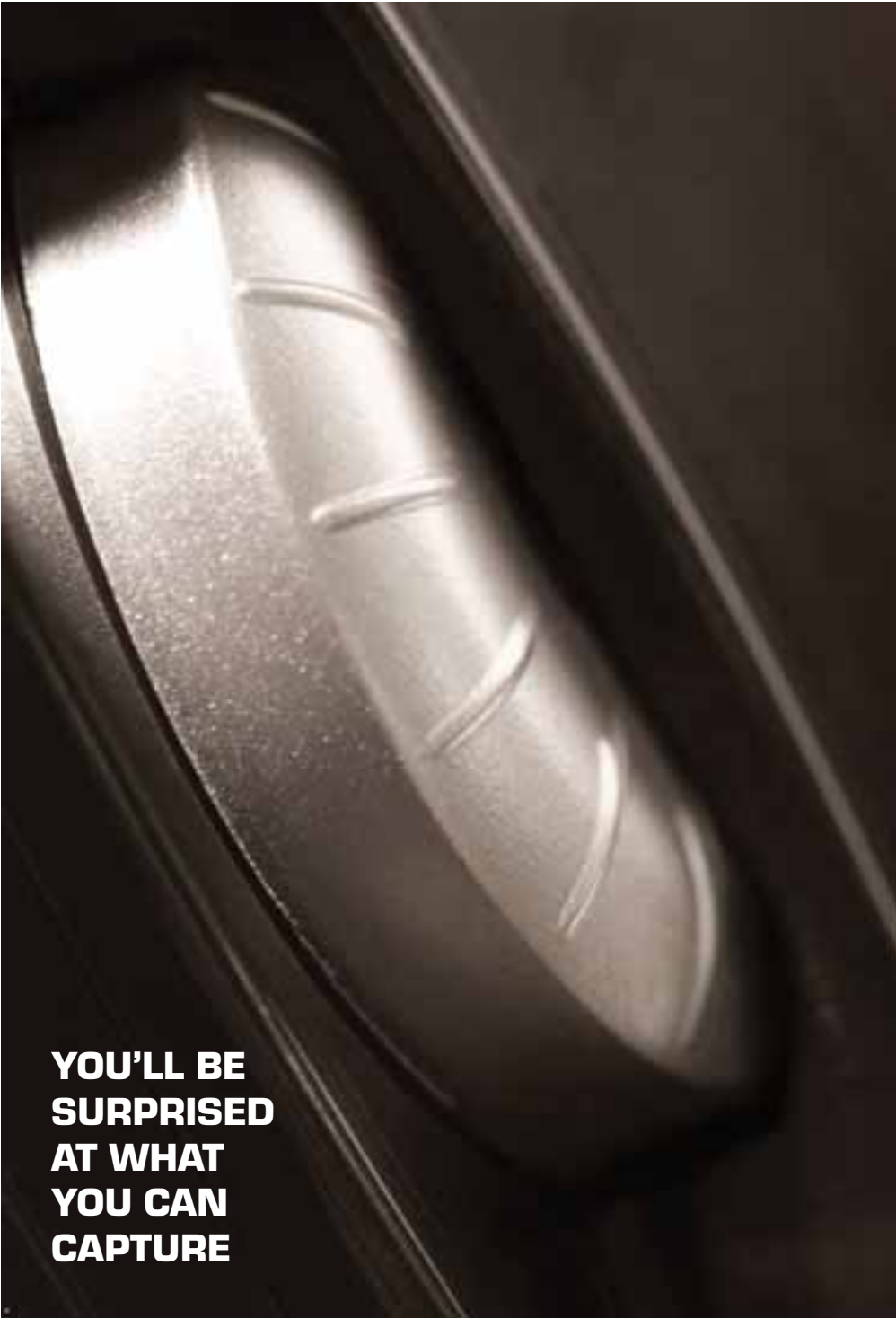
**INNOVATION
FOR YOU**

• gigashot
A SERIES



> FULL HD FROM OUR LIGHTEST AND SMALLEST CAMCORDERS – THE GIGASHOT A SERIES

- Extraordinary video and picture quality at full 1080i HD resolution
- Size revolution – measuring a miniature W 78.1mm x D 135.4mm x H 79.0mm and weighing just 495g (excluding battery), it's the smallest HD digital camcorder in the world
- Crystal-clear close ups and electronic image stabilisation – delivered by the Fujinon 10x optical/80x digital zoom lens
- 100GB of inbuilt hard-drive capacity (HDD) – captures up to 12 hours of full-HD fun
- 1/3" CMOS image sensor – allowing you to see every delicate detail
- 3" widescreen TFT LCD display – for crystal-clear instant playback
- Seamless and versatile operation – capture great photos while you're filming
- Superb sound generated by Dolby Digital at 384kbps – creating videos with intense audio
- Extreme ease of use – complete with ergonomic shape, handy grip, jog dial, easy-to-operate buttons and a bright light for dark conditions
- Effortless uploading – instantly transfer videos and pictures to your computer, DVD player and even your HD or HD-ready TV with inbuilt HDMI, USB and AV ports



**YOU'LL BE
SURPRISED
AT WHAT
YOU CAN
CAPTURE**

gigashot
K SERIES



> THE GIGASHOT K SERIES BRINGS YOUR MOVIES TO LIFE IN HD RESOLUTION, COMPLEMENTED BY HIGH-PERFORMANCE FEATURES

- Video and pictures in HD resolution (1280 x 720 pixels) – making memories real again
- 40GB or 80GB of inbuilt hard drive capacity (HDD) – captures hours of HD video fun
- The Fujinon 10x optical/30x digital zoom lens – with electronic image stabilisation, bringing out the best in the Toshiba Gigashot's HD
- 3" widescreen TFT LCD display – for crystal-clear instant playback
- 1/3" CMOS image sensor – allowing you to see each intricate detail
- Seamless and versatile operation – capture great photos while you're filming
- Miniature size and weight – measuring W 86.8mm x D 135.5mm x H 80mm, and weighing a tiny 515g (excluding battery)
- Sound generated through AAC, 48kHz, 16bit stereo, 128kbps – creating videos with quality audio
- Extreme ease of use – complete with ergonomic shape, handy grip, jog dial, easy-to-operate buttons and a bright light for dark conditions
- Effortless uploading – instantly transfer videos and pictures to your computer, DVD player and even your HD or HD-ready TV with inbuilt HDMI, USB and AV ports



**FILM-MAKING
FOR
EVERYONE**

CAMILEO



> COMPLETING THE TOSHIBA RANGE, THE CAMILEO SERIES OFFERS A CHOICE OF THREE DIGITAL CAMCORDERS FOR EVERY NEED AND BUDGET

CAMILEO H10

- 64MB Nand Flash Memory
- 10.48MP CCD Sensor
- 4x digital zoom
- 2.7" TFT LCD (16:9)
- Resolution: 1280 x 720 / 30fps
- 5x zoom lens
- HDMI digital AV output
- Special effect for video/still
- Motion detection
- Mass storage device

CAMILEO HD

- 64MB Nand Flash Memory
- 5MP CMOS Sensor
- 8 x digital zoom
- 2.5" LCD
- 1280 x 720 / 30fps
- Voice recorder
- HDMI digital AV output
- MP3 player
- Web camera
- Card reader
- YouTube – Link software

CAMILEO PRO HD

- 128MB built-in memory, SD expandable
- HD quality (1280 x 720)
- 3x optical zoom with auto focus
- 2.4" TFT LCD display
- Supports HDTV and standard TV
- Voice recorder
- 16:9 video mode
- Motion detection
- Mass storage device
- YouTube – Link software

KEY COMPONENTS		gigashotA SERIES A40FE/A100FE		gigashotK 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	
	A/V 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		K80HE: 80GB K40HE: 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 1080) 1560K pixels (1440 x 1080)		920K pixels (1280 x 720)	
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™ 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.

KEY COMPONENTS		CAMILEO H10	CAMILEO HD	CAMILEO Pro HD
Image sensor		10.48MP CCD Sensor	5MP CMOS Sensor	Sensor Type 5 megapixel CMOS (2592x1944)
Lens	Lens (focusing)	FF lens	FF Lens	Optical auto focus zoom
	Zoom	4x digital zoom	8x digital zoom	3x optical zoom
	Focal length	1cm infinite (Wide) 80cm infinite (Tele)	20cm (Macro mode); 90cm–200cm (Portrait mode); 200cm–infinite (Normal mode)	Capture 5cm close-up image
	Aperture	f=6.8 – 34mm; F3.5 – 3.7	f=7.2mm; F3.2	F3.6-F6.7 (f = 7.5-21.5mm)
LCD monitor		2.7" TFT LCD	2.5" LCD	2.4" TFT LCD
Exposure control		Auto or +/- 1EV stepping with 0.3	±EV stepping with 0.3	Auto
White balance		Auto/Daylight/ Tungsten/Fluorescent	Auto, Daylight, Fluorescent, Tungsten	5 modes (Auto/Sunny/Cloudy/ Fluorescent/Tungsten)
Sensor resolution		10.48 megapixel	High: 3744 x 2808/ Standard: 2592x1944/ Low: 1600x1200	5 megapixel
Features		Video Stabilization, Night mode for Movie/Picture, Motion Detection, Special Effect for Video/Still, Photo Frame for Picture, Red Eye Reduction, Intelligent Lighting	Digital H.264 HD Video, Camcorder, Digital Still Camera, HDMI Digital AV output, MP3 Player, Voice Recorder, Web Camera, Card Reader, YouTube – Link software	Video camcorder/Still camera/Voice recorder/eBook (.txt)/Mass storage, YouTube – Link software
Motion detection		Yes	Yes	Yes
Shutter type		Mechanical shutter	Mechanical shutter	Electronic
Frame rate		30 fps	30 fps	30 fps
Flash light control		Flash (for still) Auto, On, Off, Red-Eye Reduction	Flash (for still) Auto, Red-Eye Reduction, Off	Flash for still picture (Auto/On/Off), LED light for video recording (Auto/On/Off)
Video compression format		AVI (video)	AVI (video)	H.264/MPEG4 AVC, JPEG, WAV
File format		JPEG (still)	JPEG (still)	JPEG
Memory		64 MB Nand Flash Memory (for both Firmware and data)	64 MB Nand Flash Memory (usable storage: around 38MB)	128MB built-in memory expandable up to 32GB with SD card
Continuous recording time		80 minutes	105 minutes	120 minutes in high definition
Audio input		Microphone	Microphone	Microphone
AV out/earphone phone jack		HDMI/mini USB2.0/TV Out	HDMI/mini USB2.0/TV Out	HDTV component-out and normal AV out + earphone-out
Speaker		Yes	Yes	Yes (mono)
Digital voice recorder		No	Yes	Yes
MP3 player		No	Yes	No
TV playback		Yes	Yes	Yes
Self timer		10 sec.	10 sec.	10 sec.
Auto power off		3 minutes	3 minutes	3 minutes
OSD language support		English/German/French/Italian/ Spanish/Portuguese/Dutch/Turkish/ Polish/Czech/Russian/Greek/Hungarian	English/German/French/Italian/ Spanish/Portuguese/Dutch/Turkish/ Polish/Czech/Russian/Greek/Hungarian	English/French/German/Spanish/ Italian/Portuguese/Dutch/Turkish
PC interface		Mini USB2.0	Mini USB2.0	Mini USB
Power adaptor		Yes	Yes	Yes
Tripod stand		N/A	Yes	No
Dimensions (W x D x H)		56mm x 65mm x 117mm	71mm x 34mm x 108mm	70mm x 33mm x 113mm
Weight w/o battery		340g	150g	177g
System requirements		OS: Microsoft® Windows® 2000/XP/Vista, Mac OS9.0 or above CPU: Intel Pentium III 800MHz or above RAM: 128MB system memory and free 700MB system hard disk space / 4X CD-ROM / 1 available USB port	OS: Microsoft® Windows® 2000/XP/Vista, Mac OS9.0 or above CPU: Intel Pentium III 800MHz or above RAM: 256MB system memory and free 1GB system hard disk space / 4X CD-ROM / 1 available USB port	OS: Microsoft® Windows® 2000/XP/Vista® or above CPU: Pentium 4, 2.8GHz or above (3.0GHz recommended) RAM: 512MB or above (1GB recommended) / Video card: 128MB or above (256MB is recommended). QuickTime 7.0 or above
Others		HDMI cable (1.2m), AV cable (1.2m), USB cable (0.9m), CD	Color Box, HDMI cable (1.2m), AV cable (1.2m), USB-cable (0.9m), Stereo earphones, NP60 Li-ion rechargeable battery, Strap, Pouch, CD (w/ driver, AP and user's manual)	Quick Guide, CD, pouch, strap

From the Gigashot A Series to the Camileo, Toshiba brings you the latest and most innovative technology. Whether you're an amateur film-maker, professional or simply looking to bring your ideas to life, this exciting range of digital camcorders will take you on a journey of discovery and innovation.

Start your journey with Toshiba. Visit toshiba-europe.com/smallandsurprising



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