

# Panasonic

ideas for life

Nice and Light  
with Minimal Blurring



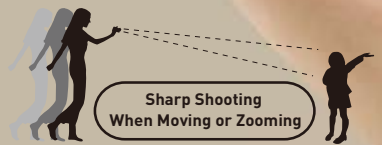
## The World's Lightest AVCHD Format Full-HD Camcorders\*

The TM10 and SD10 are the world's lightest AVCHD format full-HD camcorders\*, and they're small enough to fit in your pocket. Carry one everywhere you go, and catch the world around you. \* As of May 19, 2009.

## 16x Optical Zoom and Advanced O.I.S. with Active Mode



There's no need to worry about hand-shake even when you shoot with the high-powered 16x optical zoom, thanks to our Advanced O.I.S. (Optical Image Stabilizer). It detects and corrects for hand-shake around 4,000 times per second to produce clear, stable zoom shots. And because it's optical, it doesn't degrade the image quality. The new Active mode extends the corrective range, so you can shoot — and even zoom — while walking and still not have to worry about hand-shake.



Small hand-shake occurs.



The effective of hand-shake increases by 16x.



Clear when zooming!



Clear even when walking!

### Built-in Memory/SD Card Twin Memory Full HD Camcorder

# TM10



- Maximum Recording Time — **3h\*<sup>3</sup>** (8GB Built-in Memory) + **12h\*<sup>3</sup>** (32GB SD Card)
- Battery Life (Continuous Recording Time) — **11h 15min\*<sup>4</sup>**

### SD Card Full HD Camcorder

# SD10



- Maximum Recording Time — **12h\*<sup>3</sup>** (32GB SD Card)
- Battery Life (Continuous Recording Time) — **11h 25min\*<sup>5</sup>**



HDC-TM10



HDC-SD10



\*1 GB = 1 billion bytes. Usable capacity will be less. \*2 Optional. \*3 In HE mode. \*4 When using the optional VW-VBG6 battery pack and VW-VH04 battery pack holder kit and when using the Built-in Memory. \*5 When using the optional VW-VBG6 battery pack and VW-VH04 battery pack holder kit and when using the SD Memory Card.

# HD Camcorder

HIGH DEFINITION

Makes optimal settings automatically.

## iA (Intelligent Auto)



This powerful function senses the shooting conditions and automatically makes the settings and activates functions that will deliver optimal results. The iA lets you forget about bothersome settings and makes it easy to capture beautiful, well-focused images. \*The functions included in iA may not be applied when conditions do not call for them.



Locks on a subject and tracks it.

### AF/AE Tracking

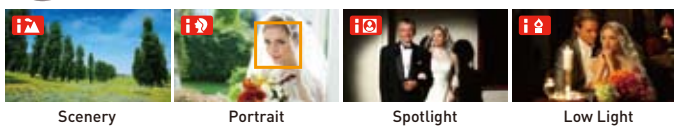


If the subject moves, the camcorder follows, maintaining a sharp focus and proper exposure.



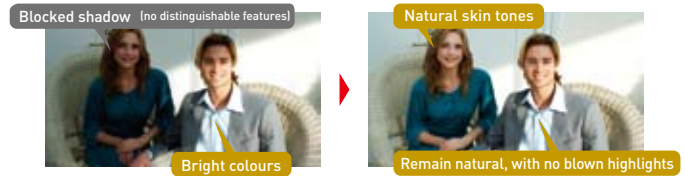
Detects the situation and switches the scene mode automatically.

### Intelligent Scene Selector



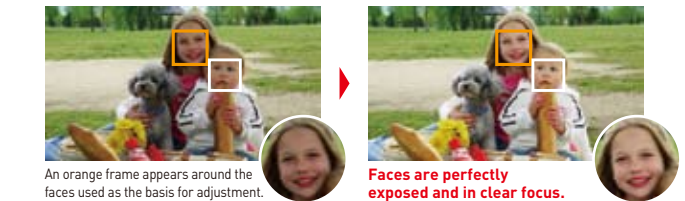
Helps suppress blown highlights and retains a natural contrast.

### Intelligent Contrast Control



Captures faces beautifully - even in dim or backlit scenes.

### Face Detection



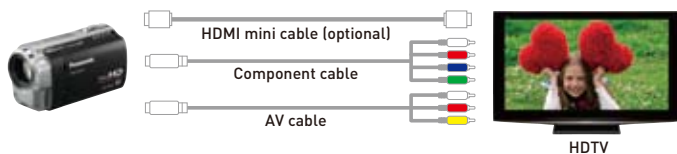
Helps to prevent blurry images caused by unsteady hands as you shoot.

### Advanced O.I.S. (Optical Image Stabilizer)

## Beautiful Viewing, Easy Archiving.

### Viewing

Just connect your camcorder to an HDTV.

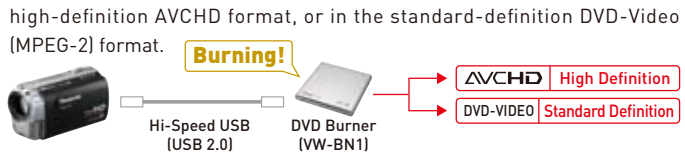


Just slip the SD or SDHC memory card from your camcorder into the VIERA Image Viewer card slot on your VIERA TV.



### Archiving and Viewing

Use a DVD burner to create and play back a DVD. You can make a copy either in the original high-definition AVCHD format, or in the standard-definition DVD-Video (MPEG-2) format.



To view the disc you just burned, simply connect the HD camcorder to an HDTV via an HDMI mini cable.



\*12-cm DVD discs that you create with a DVD burner can be played on a Blu-ray Disc player.

## Specifications (HDC-TM10 / HDC-SD10)

GENERAL	
Power Supply	DC7.2 V/9.3 V
Power Consumption	TM10: 5.6 W SD10: 5.5W
Weight (w/o Battery)	Approx. 227 g
Dimensions (W x H x D)	47.5 x 63.0 x 114.5 mm
Media	TM10: Built-in Memory (8GB), SD/SDHC Memory Card SD10: SD/SDHC Memory Card
IMAGE SENSOR	
Image Sensor	1/6" MOS
Total pixels	1.47 megapixels
Effective pixels	1.17 megapixels [16:9] (Motion Image / Still Image)
LENS SECTION	
F Value	F1.8 (WIDE)/F2.8 (TELE)
Optical Zoom	16x
Digital Zoom	40x - 1000x
Focal Length	2.95-47.2 mm
35mm Film Camera Equivalent	44.1-706 mm [16:9] (Motion Image / Still Image)
CAMERA SECTION	
Minimum Illumination	9 lx [1/25 Low Light Mode] 1 lx [Colour Night View Mode]
Image Stabilizer	Advanced O.I.S. (Optical Image Stabilizer)
White Balance	Auto/Indoor1/Indoor2/Sunny/Cloudy/White Set
Shutter Speed	<b>Motion Image:</b> Auto Slow Shutter ON : 1/25-1/8000, OFF : 1/50-1/8000 <b>Still Image:</b> Auto Slow Shutter ON : 1/25-1/8000, OFF : 1/50-1/8000 [Progressive : 1/25-1/5000]
Iris	Auto/Manual

MONITOR	
LCD	2.7" Wide LCD (230,400 pixels)
STILL IMAGE SECTION	
Recording Format	JPEG
Recording Image Size	<b>Still Picture:</b> 2.1 megapixels [1920x 1080] [16:9] <b>Simultaneous Recording:</b> 2.1 megapixels [1920x 1080] [16:9] <b>Creating Still Picture from Motion Picture:</b> 2.1 megapixels [1920x 1080] [16:9]
Flash	Yes
DPOF	Max.999 stills
PictBridge	Yes
RECORDING SECTION	
Recording Format	MPEG4-AVC/ H.264(AVCHD standard compliant)
Recording/Playback Mode	HA (17 Mbps / VBR), [1920 x 1080], HG (13 Mbps / VBR), [1920 x 1080], HX (9 Mbps / VBR), [1920 x 1080], HE (6 Mbps / VBR), [1440 x 1080]
Audio Recording System	Dolby Digital (2ch)
Microphone	2ch Stereo / Zoom Microphone
Speaker	Dynamic Type
LED Video Light	Yes

•**INTERFACES** AV (Out) / HDMI (mini) / USB 2.0 Hi-Speed / Video Component  
•**STANDARD ACCESSORIES** AC Adaptor / AC Cable / DC Cable / Rechargeable Battery Pack (min. 725mAh/Lithium-Ion) / Video Component Cable / AV Cable / USB Cable / Stylus Pen / Editing Software "HD Writer AE 1.5"

•Weight and dimensions shown are approximate. •Design, functions, and specifications are subject to change without notice. •All monitor and TV pictures are simulated. •1GB=1 billion bytes. Usable capacity will be less. •You are not allowed to reproduce (copy), or transfer to a network, any part of the software applications supplied with this product for commercial purposes without written authorization. •Panasonic will in no way be liable for any damages sustained directly or indirectly from the use of this product or from any trouble occurring therein. •Panasonic will also in no way be liable for any losses of data caused by this product. •SDHC Logo is a trademark. •SD Logo is a trademark. •Other names of systems and products mentioned in this brochure are generally the registered trademarks or trademarks of the manufacturers who developed the system or product concerned. •All other company and product names are trademarks of their respective corporations. •"AVCHD" and the "AVCHD" Logo are trademarks of Panasonic Corporation and Sony Corporation.