

2009

HDC-HS20 High Definition Camcorder



Compact Size 1MOS Full-HD

1MOS system with larger sensor,
Leica Dicomar Lens, OIS



16x Optical Zoom and Advanced OIS

Brings distant subjects up close while maintaining
image quality



iA AF Tracking and Touch Panel

Pinpoint face designated by touch panel

- 80GB* HDD
- Touch screen navigation
- 5.1 surround sound recording with zoom mic
- 0.6 sec quick start (SD only)
- Touch-panel 2.7" wide LCD
- 60 shots/second burst recording
- Time lapse recording
- Video light/flash
- Highlighted playback
- Built-in MPEG2 converter

Panasonic
ideas for life

2009 **HDC-HS20** High Definition Camcorder Specifications

		HDC-HS20
GENERAL		
Power Supply		DC7.2V / 9.3V
Power Consumption		6.6W
Weight (w/o Battery)		approx. 360g (0.79 lb)
Dimension (W x H x D)		64 x 69 x 128 [mm](2.52 x 2.72 x 5.04 [inch])
Media		HDD (80GB), SD/SDHC Memory Card
On-Screen Display Language		Please refer to "OSD" sheet
IMAGE SENSOR		
Image Sensor		1/6" MOS
Total Pixels		1.47 megapixels
Effective Pixels		
	Motion Image	1.17 megapixels [16:9]
	Still Image	1.17 megapixels [16:9]
LENS SECTION		
Lens Brand		Leica Dicomar Lens
F Value		F1.8(WIDE)/3.3(TELE)
Optical Zoom		16x
Digital Zoom		40x-1000x
Focal Length		2.95-47.2 mm
35mm Film Camera Equivalent		44.1-706mm (16:9)
Filter Diameter		43mm
CAMERA SECTION		
Standard Illumination		1400 lx
Minimum Illumination		9 lx (1/30 Low Light Mode) 1 lx (MagicPix®)
Image Stabilizer		Advanced O.I.S. [Optical Image Stabilization]
Focus		Auto / Manual
White Balance		Auto / Indoor1 / Indoor2 / Sunny / Cloudy / White set
Shutter Speed		
	Motion Image	[60i] Auto Slow Shutter ON: 1/30-1/8000, OFF: 1/60-1/8000 [24P] Auto Slow Shutter ON: 1/24-1/8000, OFF: 1/48-1/8000
	Still Image	[60i] Auto Slow Shutter ON: 1/30-1/8000, OFF: 1/60-1/8000 (Progressive: 1/30-1/500) [24P] Auto Slow Shutter ON: 1/24-1/8000, OFF: 1/48-1/8000 (Progressive : 1/24-1/500)
Iris		Auto / Manual
Backlight Compensation		Yes
MONITOR		
EVF		—
Monitor (LCD)		2.7 Wide LCD (230,400 pixels)
STILL IMAGE SECTION		
Recording Format		JPEG
Recording Image Size		
	Still Picture	2.1 megapixels (1920 x 1080) [16:9]
	Simultaneous Recording	2.1 megapixels (1920 x 1080) [16:9]
	Still Image	2.1 megapixels (1920 x 1080) [16:9]
Flash		Yes
DPOF		Max. 999 images
PictBridge		Yes
RECORDING SECTION		
Signal System		1080 / 60i
Recording Format		MPEG4-AVC/H.264 (AVCHD standard compliant) HA (17Mbps / VBR), (1920 x 1080) HG (13Mbps / VBR), (1920 x 1080) HX (9Mbps / VBR), (1920 x 1080) HE (6Mbps / VBR), (1440 x 1080)
Recording / Playback Mode		Dolby Digital (5.1ch)
Audio Recording System		5.1ch Surround, Zoom mic.
Microphone		Dynamic type
Speaker		Yes
Media Remaining Indication		Yes
INTERFACES		
AV		Out
HDMI		Yes (mini)
Microphone (stereo mini)		—
Headphones		—
USB		2.0 Hi-Speed
Video Component		Yes
OTHERS		
LED Video Light		Yes
Accessory Shoe		—
STANDARD ACCESSORIES		
AC Adaptor		Yes
AC Cable		Yes
DC Cable		Yes
Rechargeable Battery Pack		min. 725 mAh / Lithium-Ion
Video Component Cable		Yes
AV Cable		Yes
IR Remote		Yes
USB Cable		Yes
SD Memory Card		—
Included Software		HD Writer AE 1.0

*1GB=1 billion bytes. Usable capacity will be less.