

2009

HDC-TM300 High Definition Camcorder



Outstanding Picture Quality with 1000-Line Motion/10.6M Still

New 3MOS system with larger sensor, Leica Dicomar Lens, OIS



Manual Ring, EVF and Mic Jack

More peripheral expandability with shoe, desired operating with manual ring and EVF



iA AF Tracking and Touch Panel

Pinpoint face designated by touch panel

- 32GB* internal memory
- 12x optical zoom
- 1.6 lux. low-light performance
- Advanced OIS
- Touch-panel 2.7" wide LCD
- Touch screen navigation
- 5.1 surround sound recording with zoom mic
- Time lapse recording
- Highlighted playback
- Built-in MPEG2 converter
- 60 shots/sec burst recording
- 0.6 sec quick start (SD only)



Panasonic
ideas for life

2009 **HDC-TM300** High Definition Camcorder **Specifications**

		HDC-TM300
GENERAL		
Power Supply		DC7.2V / 9.3V
Power Consumption		6.8W
Weight (w/o Battery)		approx. 385g (0.85 lb)
Dimension (W x H x D)		70 x 72 x 141 [mm] (2.75 x 2.83 x 5.54 [inch])
Media		Built-in memory (32GB), SD/SDHC Memory Card
On-Screen Display Language		Please refer to "OSD" sheet
IMAGE SENSOR		
Image Sensor		1/4.1" MOS x 3
Total Pixels		9.15 megapixels (3.05 megapixels x 3)
Effective Pixels		
	Motion Image	6.21 megapixels (2.07 megapixels x 3) [16:9] 7.95 megapixels (2.65 megapixels x 3) [3:2]
	Still Image	7.53 megapixels (2.51 megapixels x 3) [16:9] 6.96 megapixels (2.32 megapixels x 3) [4:3]
LENS SECTION		
Lens Brand		Leica Dicomar Lens
F Value		F1.8(WIDE)/2.8(TELE)
Optical Zoom		12x
Digital Zoom		30x-700x
Focal Length		4-48mm
35mm Film Camera Equivalent		44.9-539mm (16:9) [Motion Image] 41.3-496mm (3:2), 40.8-490mm (16:9), 45.0-540mm (4:3) [Still Image]
Filter Diameter		43mm
CAMERA SECTION		
Standard Illumination		1400 lx
Minimum Illumination		1.6 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, video flash: 1/30-1/500 OFF: 1/60-1/8000, video flash: 1/60-1/500 [24P] Auto Slow Shutter ON: 1/24-1/8000, video flash: 1/24-1/500 OFF: 1/48-1/8000, video flash: 1/48-1/500
	Still Image	1/2-1/2000, video flash: 1/2-1/500
Iris		Auto / Manual
Backlight Compensation		Yes
MONITOR		
EVF		Yes
Monitor (LCD)		2.7 Wide LCD (230,400 pixels)
STILL IMAGE SECTION		
Recording Format		JPEG
Recording Image Size		
	Still Picture	10.6 megapixels (3984 x 2656), 7.0 megapixels (3264 x 2176), 4.5 megapixels (2592 x 1728) [3:2] 10.0 megapixels (4224 x 2376), 6.0 megapixels (3328 x 1872), 3.5 megapixels (2560 x 1440) [16:9] 9.0 megapixels (3520 x 2640), 8.0 megapixels (3264 x 2448), 5.0 megapixels (2560 x 1920), 0.3 megapixels (640 x 480) [4:3]
	Simultaneous Recording	8.3 megapixels (3840 x 2160), 2.1 megapixels (1920x1080) [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 and Focus Microphone
Microphone		Dynamic type
Speaker		Yes
Media Remaining Indication		Yes
INTERFACES		
AV		Out
HDMI		Yes (mini)
Microphone (stereo mini)		Yes
Headphones		Yes
USB		2.0 Hi-Speed
Video Component		Yes
OTHERS		
LED Video Light		—
Accessory Shoe		Yes (Cold)
STANDARD ACCESSORIES		
AC Adaptor		Yes
AC Cable		Yes
DC Cable		Yes
Rechargeable Battery Pack		min. 1250 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.