

2010 HDC-TM700 CAMCORDER



1080P/60P PROGRESSIVE RECORDING

Record smooth, highly detailed images with a moving picture resolution that exceeds Full HD.

**LEICA
DICOMAR**

3MOS SENSOR & F1.5 LEICA DICOMAR LENS

Three video sensors and an F1.5 lens deliver great HD video in any lighting condition.

35mm WIDE ANGLE LENS WITH 18X INTELLIGENT ZOOM

Enjoy the benefits of a wide angle lens without giving up the performance of a long zoom.

- 32GB Built-In Memory
- Intelligent Resolution Technology
- Power O.I.S. (Optical Image Stabilization)
- 12x Optical Zoom
- Wind Noise Canceller
- Face Recognition and Smile Shot
- 1 Second Quick Power-On

Panasonic

2010 HDC-TM700 High Definition Camcorder Specifications

HDC-TM700	
GENERAL	
Power Supply (Battery/AC Adapter)	DC7.2V/9.3V
Power Consumption	Max. 6.0W (Recording)
Weight (w/o Battery)	Approx. 380g (0.84 lb.)
Dimensions (W x H x D)	66 x 69 x 138 (mm) (2.59 x 2.71 x 5.43 (inch))
Media	Built-in memory (32GB), SD/SDHC/SDXC 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	7.59 megapixels 2.53 megapixels x 3 [16:9]
Still Image	7.89 megapixels 2.63 megapixels x 3 [3:2] 7.59 megapixels 2.53 megapixels x 3 [16:9] 6.96 megapixels 2.32 megapixels x 3 [4:3]*
LENS SECTION	
Lens Brand	Leica Dicomar Lens
F Value	F1.5(Wide)/2.8(Tele)
Zoom	
Optical Zoom	12x
Intelligent Zoom	18x
Enhanced Optical Zoom	—
Digital Zoom	30x/700x (The maximum value of zoom magnification)
Focal Length	3.45–41.4mm
35mm Film Camera Equivalent	35.0–420mm (16:9) [Motion Image] 35.7–428mm (3:2), 35.0–420mm (16:9), 38.8–466mm (4:3) [Still Image]
Filter Diameter	46mm
CAMERA SECTION	
Standard Illumination	1400 lx
Minimum Illumination	1.6 lx (1/30 Low Light Scene Mode) 1 lx (Color Night Rec)
Image Stabilizer	Power O.I.S. (Optical Image Stabilization)
Focus	Auto/Manual
White Balance	Auto/Indoor1/Indoor2/Sunny/Cloudy/White set
Shutter Speed	
Motion Image	[60i/60p] 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 1/2–1/2000, video flash: 1/2–1/500
Still Image	
Iris	Auto/Manual
Backlight Compensation	Yes
MONITOR	
EVF	Yes
Monitor (LCD)	3.0" Wide LCD (230,400 dots)
STILL IMAGE SECTION	
Recording Format	JPEG
Recording Image Size	
Still Picture	14.2 megapixels (4608 x 3072), 8.6 megapixels (3600 x 2400), 5.5 megapixels (2880 x 1920) [3:2] 13.3 megapixels (4864 x 2736), 8.3 megapixels (3840 x 2160), 5.3 megapixels (3072 x 1728) [16:9] 12.2 megapixels (4032 x 3024), 7.7 megapixels (3200 x 2400), 4.9 megapixels (2560 x 1920), 0.3 megapixels (640 x 480) [4:3] 13.3 megapixels (4864 x 2736), 8.3 megapixels (3840 x 2160), 2.1 megapixels (1920x1080) [16:9]
Simultaneous Recording Creating Still Picture from Motion Picture	2.1 megapixels (1920 x 1080) [16:9]
Flash	Yes
DPOF	Max. 999 images
RECORDING SECTION	
Signal System	1080/60p, 1080/60i
Recording Format	1080/60p: MPEG-4 AVC/H.264 (original format) HA/HG/HX/HE: MPEG-4 AVC/H.264 (AVCHD standard compliant)
Recording / Playback Mode	1080/60p (28Mbps/VBR), (1920 x 1080) HA (17Mbps/VBR), (1920 x 1080) HG (13Mbps/VBR), (1920 x 1080) HX (9Mbps/VBR), (1920 x 1080) HE (5Mbps/VBR), (1920 x 1080)
Audio Recording System	Dolby® Digital (5.1ch/2ch)
Microphone	5.1ch Surround, Zoom and Focus Microphone
Speaker	Dynamic type
Media Remaining Indication	Yes
INTERFACES	
AV	—
HDMI	Yes (Mini)
Microphone (Stereo Mini)	Yes
Headphones (Stereo Mini)	Yes
USB	2.0 Hi-Speed
AV Multi	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
AV Multi Cable	Yes
AV Cable	—
IR Remote	Yes
Shoe Adaptor	Yes
USB Cable	Yes
SD Memory Card	—
Included Software	HD Writer AE 2.1
Lens Hood	Yes
Stylus Pen	Yes