

DMC-TZ10 - Travel Camera with 12x Optical Zoom Leica Lens [DMC-TZ10-K]

The Ultimate Hybrid Travel Camera



RRP: \$699 [GST inc.]

- ▣ Versatile Still & Video Shooting - AVCHD Lite High Def Video & LEICA DC VARIO ELMAR Lens offering 25mm Ultra Wide Angle & 12x Optical Zoom (25-300mm)
- ▣ GPS Functionality Perfect for the Traveler- Allows accurate geographic locations to be displayed in real time & recorded for easy file management.
- ▣ Easy & Fuss Free Shooting -Intelligent Auto Technology (Mega O.I.S., Intelligent ISO, Face Detection & Automatic Scene Selection) PLUS Face Recognition, Intelligent Exposure, AF Tracking, & Digital Red Eye Correction for ultimate ease of use.
- ▣ Don't Miss the Action - Sonic Speed AF with lightening fast 0.35 sec Auto Focus to capture quick action.
- ▣ More Creative Control - Newly Incorporated Manual Mode offers greater shooting flexibility.

Features and Benefits

▣ 25mm wide-angle LEICA DC VARIO-ELMAR lens with 12x optical zoom

The TZ10 packs a LEICA DC VARIO-ELMAR lens with 12x optical zoom into a compact body. This versatile photographic tool lets you shoot everything from sweeping vistas at the 25mm wide-angle setting to dynamic 300mm telephoto shots. And the lens system's exquisite rendering ability lets you capture even the subtle nuances of the sights and scenes in your travels.

▣ AVCHD Lite

The TZ10 records HD motion images with 1280 x 720-pixel resolution while zooming in and out. It uses the AVCHD Lite (MPEG-4/H.264), which achieves higher image quality and stores less data than the conventional Motion JPEG. You can also use the iA mode to shoot motion images, and let the camera do all the work for you. This user-friendly mode automatically selects the most suitable Scene mode and helps correct blurring, focus and brightness problems. All you do is aim and shoot. iA is the easy way to capture beautiful HD movies.

▣ Intelligent Auto (iA)

Just set the camera to iA mode, aim and shoot. The camera does the rest,

▣ 3.0" LCD Screen

The TZ10 incorporates an easy-to-see, large, 3.0-inch 460,000-dot high-resolution LCD for comfortable viewing while both monitoring shots and playing back the results. The Intelligent LCD function detects the light condition and automatically boosts the LCD backlighting by max. 40% when shooting outdoors in bright sunshine, and adjusts the frame rate when shooting in low-lit situations.

▣ Venus Engine HD

The imaging power of LUMIX has evolved even further. Improved circuitry greatly reduces picture noise while preserving exceptional resolution, sharpness and color reproduction. The Venus Engine HD boasts two CPUs which achieve the long-time HD motion picture recording in AVCHD Lite (MPEG-4/H.264) while maintaining low power consumption.

▣ HDMI Output and Viera Link

The TZ10 is equipped with an HDMI output terminal for direct transmission of digital image and sound signals. Just connect the camera to an HDTV using a single HDMI mini cable (purchased separately), and it's even easy to enjoy slideshow, in which both still and motion images integrated in the recorded timeline. If you have a VIERA TV,

automatically activating seven detection and correction functions. These include:

MEGA O.I.S. - helps prevent blurring due to shaky hands

Intelligent ISO Control - helps prevent blurring caused by subject motion.

Intelligent Scene Selector - selects the optimal scene mode for the situation.

Intelligent Exposure - adjusts the brightness of dark areas in the image.

Face Detection AF/AE - helps deliver clear portraits.

AF Tracking - locks the focus onto your moving subject.

▣ Face Recognition in iA Mode

iA mode now includes Face Recognition, a function that "remembers" registered faces. When there's a familiar face in the frame, it optimizes the focus and exposure so that the face is in sharp focus and bright. This newly evolved technology makes it easy to get beautiful photos of a loved one in a group of people.

you can control the camera's playback functions with VIERA's remote control unit.

▣ Optical Zoom in Movie

The TZ10 allows you to zoom in and out while shooting motion images.

▣ Panorama Assist

A Panorama Assist mode makes it easy to take a series of images to combine into a panorama shot, while checking the degree of overlap between adjacent shots. This is great for shooting landscapes that are too wide to capture in a single shot.

▣ Macro Zoom

Using the digital zoom function, you can pull subjects even closer than the closest point possible with the wide-angle setting, and capture dramatic close-ups.

▣ Photo Frame Mode

In Photo Frame mode, you can compose your shot while displaying one of the frames registered in the camera. This is a quick, easy way to produce photos with attractive borders

Product Specifications

Lens Type	LUMIX DC VARIO-ELMAR / 10 Elements in 8 Groups (2 Aspherical Lenses)
Image Stabiliser	Yes
Image Stabiliser Operational Modes	Power O.I.S (Auto / Mode 1 / Mode 2)
Aperture	TBC ¹
Auto Focus	Yes
Optical Zoom (x)	12
Digital Zoom (x)	4
Focal Length	f = 4.1 - 49.2mm (35mm equiv.: 25 - 300mm)
Optical Zoom Minimum Range (mm), 35mm Equivalent	25
Optical Zoom Maximum Range (mm), 35mm Equivalent	300
Focusing Area	Normal:Wide 50cm / Tele 200cm-infinity
Focus Modes	Normal/Macro, Continuous AF On/Off, Quick AF On/Off (on in Intelligent Auto)/ Continuous AF On/Off, AF Tracking, Zoom Macro
Macro Function Minimum Focusing Distance (mm)	-
Image Sensor Size (Inches)	1/2.33
Total Pixel Count (megapixels)	14.5
Effective Pixel Count (megapixels)	12.1
Maximum Horizontal Resolution (pixels)	4000
Maximum Vertical Resolution (pixels)	3000
ISO Sensitivity Modes	Auto, 80, 100, 200, 400, 800, 1600, (In High Sensitivity mode: 1600-6400)
Maximum Sensitivity (ISO Rating)	1600
LCD Monitor Screen Size (Inches)	3.0
Auto Angle Detection	Yes
Exposure Modes	Program AE, Aperture Priority AE, Shutter Priority AE, Manual
Exposure Compensation	1/3 EV Step, +-2EV
Auto (AE) Bracketing	± 1/3EV-1EV Step, 3 frames
Light Metering	Intelligent Multiple, Spot (Spot Mode), Center-Weighted
White Balance Modes	Auto, Daylight, Cloudy, Shade, Halogen, White Set
Mode Dial/Scene Modes	P (Program AE), Motion Picture, Clipboard, A (Aperture Priority AE), S (Shutter Priority AE), M (Manual Exposure), Intelligent Auto, My SCN, SCN, Custom
Colour Effect Modes	Cool, Warm, Black & White, Sepia, Standard
Recording Image Size Modes	Multiaspect selectable (4:3, 3:2, 16:9)
Image Quality Modes	JPEG
Shutter Speed Range	8-1/2000 sec. (in Starry Sky mode: 15/30/60 sec.)
Movie Function Modes (Quick Time TM Motion JPEG)	HD, 1280 x 720, 30fps ²

Movie Function	Yes
Burst Shooting Mode	Full Resolution Image, 2.3 frames/sec, Max. 5 frames (Standard Mode)/3 frames (Fine Mode)
USB Webcam Function	No
Voice Recording (Audio Dubbing)	No
Audio Dubbing Record Time	-
Still Image Rec. with Audio time limit	-
Microphone	Yes
Inbuilt Speaker(s)	Yes
MP3 Playback	No
Self Timer	Yes
Self Timer Modes	10 sec., 2 sec.
Onboard Erase Function	Single/Multi/All (Except Favourites)
Inbuilt Flash	No
Red Eye Reduction	Yes
Built in Flash Modes	Auto, Auto/Red-eye Reduction, Slow Sync./Red-eye Reduction, Forced On/Off
External Flash Capabilty	None
On-Board Memory (MB)	40
Included Recording Media	Built-in Memory
Included Memory Card Capacity (MB)	TBC
Compatible Memory Card Type (s)	SD Card (TM), SDHC Card (TM)
PictBridge Compatible	Yes
A/V Output	Yes
USB Connectivity	Yes
Power (Battery)	ID-Security Lithium-ion Battery Pack (3.6V, 950mAh)
Power (Mains)	AC Adaptor (Input: 110-240V AC) (Optional)
Battery Life	Approx. 340 images (CIPA Standard)
Height (mm)	59.6
Width (mm)	103.3
Depth (mm)	32.6
Weight (g)	191
Weight (g) with Media & Battery	214
Country of Assembly	Japan
Warranty	1 Year Manufacturers Warranty

¹ F3.3-F4.9

² Max. recording time depends on memory card storage capacity