Professional-ism.
The Answer from Panasonic.

The HDC-Z10000 leads* the world in officially supporting the new AVCHD 3D/Progressive standard. Even with its compact, handheld size, this advanced camcorder is filled with original imaging technologies like the Double 3MOS System. It produces outstanding images in both 2D and 3D. It also features the industry's shortest* close-up range of approx. 45cm for 3D macro shooting, versatile manual functions that create the exact images that you want, Intelligent Auto (iA) functions that make sure you catch every shooting opportunity, and a powerful, HYBRID O.I.S.+**. This powerful camcorder is designed to single-handedly meet the level of quality that is demanded both for 2D image production, and for the growing need for 3D image production.

* As of August 31, 2011.
** For 2D shooting only. POWER O.I.S. for 3D shooting.

High-Quality Picture and Sound

3MOS Sensor

Red (R), green (G) and blue (B) colors are each processed by a dedicated sensor. This makes an effective pixel count of 6.57 megapixels*, to reproduce colors that are highly faithful to the originals.

* 6.21 megapixels when shooting in 3D.

Newly Developed Crystal Engine Pro

The HDC-Z10000 features the newly developed, ultra-high speed Crystal Engine Pro . By using this engine to perform high-speed processing of the 4K2K-equivalent pixels that are obtained with pixel shift technology, superb Full-HD quality is achieved in detailed images with minimal noise.

F1.5 Lens with Nano Surface Coating

This bright new F1.5 29.8mm* wide-angle lens with 12x** optical zoom is ideal for shooting in dimly lit places. It is the first*** handheld camcorder to use a nano surface coating on the lens surface. This dramatically suppresses ghosts and flaring to render crisp, clear images with stunning transparency.

* 35mm camera equivalent.
** For 2D shooting.
*** As of August 31, 2011.

AVCHD Progressive Compliant 1080/50p Recording*

AVCHD Progressive

* 1080/60p Recording in NTSC areas.

Dolby Digital 5.1-ch Surround Sound

Twin XLR Terminals

Linear PCM Recording

*XLR microphone is optional.

AVCHD 3D / Progressive

Based on the AVCHD format, which offers high compression and excellent compatibility, this new standard has been upgraded to AVCHD 3D, which uses MVC (Multiview Video Coding) to record and play 3D images via the Frame Sequential Method, and AVCHD Progressive for progressive formats.

3D FULL HD

3D Macro Close-ups to approx. 45cm

The original stereoscopic lens structure and unique O.I.S. technology achieve the industry's No. 1* close-ups of approximately 45cm for macro shooting**, while maintaining an equivalent 32mm wide angle*** of view. It records images that were conventionally difficult to capture, such as flowers, food and small animals, with 3D close-ups and clear detail.

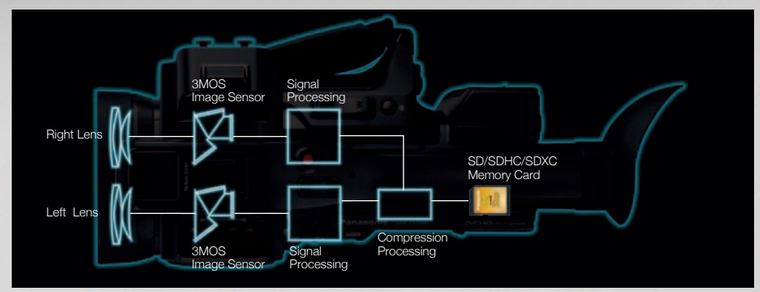
* As of August 31, 2011.
** Approx. 3.5cm when shooting in 2D.
*** 35mm camera equivalent.

Double 3MOS System

Two new, large-diameter F1.5 lenses and two high-sensitivity 3MOS sensors (with an effective pixel count for 6.57 megapixels*) are independently mounted left and right, and the newly developed Crystal Engine Pro provides high-speed processing. This system records extremely lifelike FULL HD 3D images.

* 6.21 megapixels when shooting in 3D.

3MOS x2



8.8cm/3.5" 3D–Compatible LCD with 1,152,000-dot Resolution

Parallax barrier control allows 3D viewing with no special eyewear required. This makes it easy to check 3D effects on-site while shooting without having to connect to a monitor.

3D Convergence Control

This function controls the degree of leaping effects and depth to provide just the amount of 3D effects desired.

Compatible with the New-Standard AVCHD 3D (1080/50i*, 1080/24p)

AVCHD 3D

* 1080/60i Recording in NTSC areas.

The 3D Still Picture Recording Function Lets You Shoot or Cut Out Still Images

Professional Features

Triple Manual Rings

Zoom, focus and iris can each be individually fine-tuned. This allows delicate framing and image composition to match the photographer's intent.

1.15cm/0.45" EVF with 1,227,000-dot Resolution

Scene Custom Function

Up to six sets of camera setting data can be recorded within the camera.

Function Memory / Independent Control Buttons

Functions that are frequently used for recording are arranged as separate buttons.

Color Bar / Zebra Pattern / 3D Guidelines / Auto Iris / Auto Focus / White Balance and more

Multi Format Recording

Select the recording mode from AVCHD 3D (1080/50i, 1080/25p*, 1080/24p), AVCHD Progressive (1080/50p), AVCHD (1080/24p, 1080/25p*, and 1080/50i PH/HA/HE)**.

* Images shot in the 1080/25p mode are recorded as 1080/50i.
** In PAL areas. AVCHD 3D (1080/60i, 1080/30p and 1080/24p), AVCHD Progressive (1080/60p), and AVCHD (1080/24p, 1080/30p, and 1080/60i PH/HA/HE) in NTSC areas.

Quick, Ready-to-Shoot Features

HYBRID O.I.S.+*

The new HYBRID O.I.S.+* corrects the kind of roll direction hand-shake that often occurs when shooting while zooming or walking. It lets you record steady images under various conditions.

* For 2D shooting only. POWER O.I.S. for 3D shooting.

iA (Intelligent Auto)

With the press of a button, the subject's condition is automatically recognized, and the optimal settings are selected by the camera.

Quick-Start / Quick Power-On

The Quick-Start (0.6 sec) and Quick Power-On (2 sec) functions allow shooting to begin almost instantly.

Editing Feature

HD Writer XE 1.0

The included HD Writer XE 1.0 software makes it easy to write MVC format FULL HD 3D images to a Blu-ray Disc™, and edit cuts of 1080/50p(60p) Full-HD images. Naturally, it also allows data to be saved to a PC or SD Card.