



## **Panasonic LUMIX H-PS14042E-S**

**ProdCode: PANHPS14042ES**

LUMIX G X Vario PZ 14-42mm F3.5-5.6 ASPH. POWER OIS Lens - Silver

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### **Features**

- New Premium Lens Brand "X" From LUMIX G Micro System
- Digital Interchangeable Power Zoom Lens
- Nano Surface Coating Technology
- Light Speed AF and Shortened Shutter Time Lag
- POWER O.I.S.(Optical Image Stabilizer)

The LUMIX G X VARIO PZ 14-42mm/F3.5-5.6 ASPH./POWER O.I.S. is a new cutting-edge interchangeable lens which incorporates electric-powered zoom operation from the new premium lens brand “X” for LUMIX G Micro System that complies with Micro Four Thirds System standard. The lens features superb image rendering for lifelike textures, crisp edge-to-edge contrast, a unique Nano Surface Coating for minimal ghosts and flaring and natural atmospheres with remarkable transparency.

Comprising of 9 lenses in 8 groups, the lens system features excellent contrast at entire zoom range. The inclusion of 4 aspherical lenses that helps achieving the downsizing of lens unit also improves optical performance by minimizing distortion, even at the 28 mm wide end. The 2 ED lenses effectively compensates for the chromatic aberration. And, the retractable-type zoom lens boasts outstanding compactness with approx. 26.8 mm\*\* in length and approx. 95g in weight to realize ultra-high mobility.

The Nano Surface Coating technology minimizes the reflection at entire visual light range (380nm-780nm) by applying the extra-low refractive index coating with nano-sized structure on the surface of the lens. It results in the super clear image with dramatic reduction of ghost and flare.

Adopting an inner focus system driven by a stepping motor, the superior optical design realizes outstanding smoothness to support the high speed AF system of LUMIX G cameras. It achieves approx. 0.1 second Light Speed AF\*\*\* thanks to the downsizing of focus lens and its amount of movement. By speeding up the aperture control, shutter time lag is also shortened by approx. 40% compared with the LUMIX G VARIO 14-42mm/F3.5-5.6 ASPH. /MEGA O.I.S..\*\*\*\*.

\*\* When the lens is retracted.

\*\*\*The time for focusing on the subject is measured with the DMC-GF3 to move the lens position to “2m” from “infinity” position at wide-end. Panasonic measurement method.

\*\*\*\*Measured with DMC-GF3. The time required to start exposure after the shutter button is fully pressed after the lens position is moved from “infinity” to “2m”. The zoom position is at wide-end.\*5/ \*5 The firmware of the GF3 must be updated to Ver.1.1 or later. Panasonic measurement method.



