

## Panasonic LUMIX H-PS14042E

**ProdCode: PANHPS14042EK**

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

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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.

## Specifications

- **Closest Focusing Distance:** 0.2m / 0.66ft
- **Diagonal Angle of View:** 75°(Wide) to 29°(Tele)
- **Dimensions:** Length: Approx. 26.8mm / 1.1" (from the tip of the lens to the base side of the lens mount, under the condition when lens is stored)
- **Filter Size:**  $\varnothing$ 37mm / 1.5"
- **Focal Length:** 14-42mm (35mm camera equivalent 28-84mm)
- **Lens Construction:** 9 elements in 8 groups (4 aspherical lenses , 2 ED lens)
- **Lens Type:** Zoom
- **Maximum Aperture:** F3.5(Wide) - F5.6(Tele)
- **Maximum Diameter:**  $\varnothing$ 61mm / 2.4"
- **Maximum Magnification:** Approx. 0.17x / 0.34x (35mm camera equivalent)
- **Minimum Aperture:** F22

- **Mount Type:** MFT
  - **Nano Surface Coating:** Yes
  - **No. Diaphragm Blades:** 7 diaphragm blades
  - **Optical Image Stabilizer:** Yes
  - **Sensor Coverage:** Micro Four Thirds
  - **Weight:** Approx. 95g / 3.4oz (excluding lens cap and lens rear cap)
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## **Need Further Support?**

If you have any questions or require additional support regarding this product release, please do not hesitate to contact us. Our team is here to assist you with any inquiries or provide further information or marketing collateral as needed.

## **Contact Us:**

- Marketing - [marketing@holdan.co.uk](mailto:marketing@holdan.co.uk)
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We value your partnership and are committed to ensuring a successful product launch. Thank you for your continued support.