# Clifton Cameras Product Specification

## Panasonic 8-18mm f2.8-4.0 Leica DG Vario-Elmarit ASPH Full Spec

**Features**

**Lens Construction** 15 elements in 10 groups (1 aspherical ED lens, 3 aspherical lenses, 2 ED lenses, 1 UHR lens)

**Nano Surface Coating** Yes

**Mount** Micro Four Thirds mount

**Optical Image Stabilizer** No

**Focal Length** f=8-18mm (35mm camera equivalent 16-36mm)

**Aperture Type** 7 diaphragm blades / Circular aperture diaphragm

**Maximum Aperture** F2.8 (Wide) - F4.0 (Tele)

**Minimum Aperture** F22

**Closest Focusing Distance** 0.23m / 0.75ft

**Maximum magnification** Approx. 0.12x / 0.24x (35mm camera equivalent)

**General Diagonal Angle of View** 107°(Wide) - 62°(Tele)

**Weatherproof** Splash/Dust/Freezeproof

**Filter Size**  67mm

**Max. Diameter** φ73.4mm / 2.89inch

**Overall Length** Approx. 88mm / 3.46inch (from the tip of the lens to the base side of the lens mount)

**Weight** Approx. 315g / 11.1oz (excluding lens cap, lens rear cap and lens hood)

**Standard Accessories** Lens cap, Lens rear cap, Lens hood, Lens storage bag