

## Flexia D1 Zoom HM, ESD-protected Item no. OP-019 195



**Lightweight, mobile and highly flexible digital video microscope** with 1.3MPixel image sensor, specially designed zoom optics and built-in high intensity white LED illumination developed for applications, which demand flexibility, high resolution and high magnification at large working distance.

Flexia D1 HM creates extremely bright pictures without distortion and with excellent colour at a wide range of magnifications on your PC or Laptop.

Flexia D1 HM is suitable for Visual inspection, Quality control, Real-time monitoring of manufacturing processes, Automation, Non-contact dimensional measurements, Digital picture/video Recording, Documentation and Reporting.

Flexia D1 HM is antistatic coated and approved for use in conjunction with ESD-sensitive electronics.

### Specification

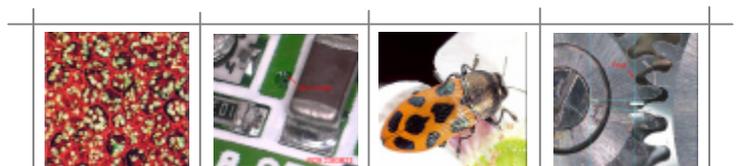
Image Sensor	● Color 1.38 Mpixel CMOS	
Connection	● USB2.0 serial bus	
Software controls	● White balance control, Gain control, Electronic shutter control, Gamma, Sharpness, Image size control etc.	
Magnification	● ~ 5x – 100x with on 14" monitor (zoom lens)	
Working Distance	● ~ 500 - 20 mm (zoom lens)	
Field of View	● ~ 45 - 4 mm (zoom lens)	
Illumination	● Integrated Ring light, white LED, 12000 mcd with dimmer function	
Storage Environment	● -20° – +60° C, Max 98% RH, non-condensing	
Operating Environment	● 0° – +45° C, Max 95% RH, non-condensing	
Power Source	● 12.0±2.0 VDC, 200 mA min.	
Size (Flexia)	● 140x50x36 mm (LxHxW).	
Weight (Flexia)	● 200 gr. Max.	
Accessories	● Various fixed focal length lenses. Side viewing BGA inspection lens. Various illumination options. Various mechanical mounts and stands.	



ESD-protected

### **Included items when you order OP-019 195:**

1. Flexia D1 HM basic camera unit
2. 100x Objective lens
3. 10-100x zoom lens with built-in Ringlight
4. Ring-light white LED
5. Image viewing & capture software
6. Power supply
7. Installation instructions and user's manual



The more you can see, the more you can fix!