



**Brand name:** HDC

**Model Name:** DF2

**Description:** High-End microscope camera with enhanced low-light performance and USB 3.0 Interface

## Technical Specifications

<b>Resolution (pixels)</b>	3840 (H) x 2160 (V) = 8,3 Megapixel
<b>Signal output interfaces</b>	USB 3.0
<b>Sensor and pixel size</b>	1/1,2" 2,9x2,9 µm
<b>Sensor type</b>	CMOS Colour, SONY IMX485
<b>Frame rate at full resolution</b>	up to 45fps (3840x2160)
<b>Recording location</b>	PC (USB)
<b>External memory</b>	n/a
<b>Power supply</b>	powered over USB port
<b>Connection</b>	c-mount
<b>Exposure time (msec)</b>	0,04 - 1000 (automatic and manual)
<b>Sensitivity</b>	2188mV with 1/30s
<b>OS System requirements for ImageView Software</b>	<ul style="list-style-type: none"> <li>· Windows 10 (32/64bit)</li> <li>· Free USB port</li> </ul>
<b>Certifications/Declarations</b>	CE, RoHS



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## Physical Specifications

**Dimensions (cm)**

6,8 x 6,8 x 4,6

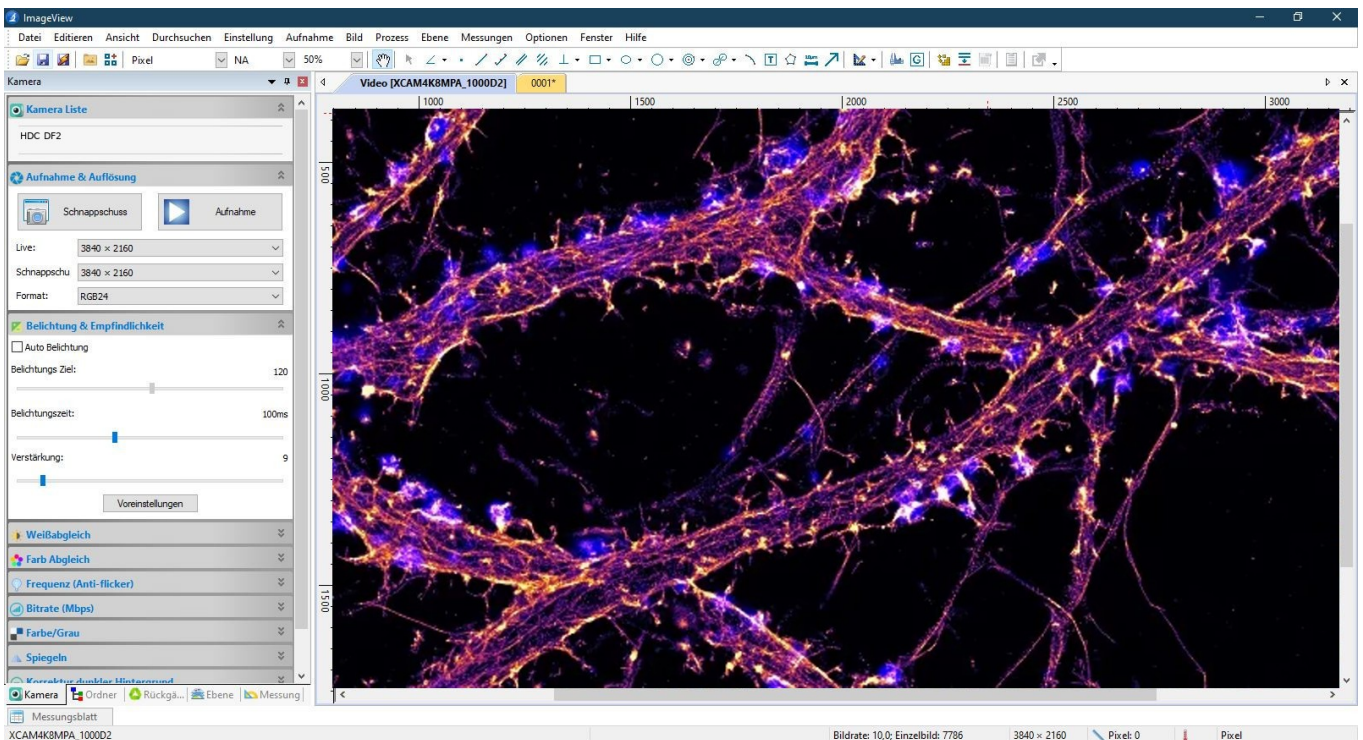
**Weight (kg)**

0,263 (camera body only - without box and cables)

## Package Contents

- Camera
- USB 3.0 cable
- Windows software CD with user guide (English)

## ImageView Software Functions



- User Interface Multi Language Support (German, English, French, Spanish, Italian, Polish etc.)
- Camera settings (exposure, gain, white balance, colour adjustment etc.)
- Image and Video Recording (jpg, png, tif, pcx, tga, jp2, j2k, dcm, webp, tft, dng, mp4, wmv, avi)
- Measurements (angle, line (2/3 points), radius, arc etc.)
- Standard Image Processing (rotate, crop, resize, histogram)
- Auto Image Sticking, Live Image Sticking
- Auto Capture (time lapse)
- EDF (extended depth of field)
- HDR
- Segmentation and Counting (5 methods)
- Denoise, Sharpen, Deinterlace
- Color composite
- etc.