

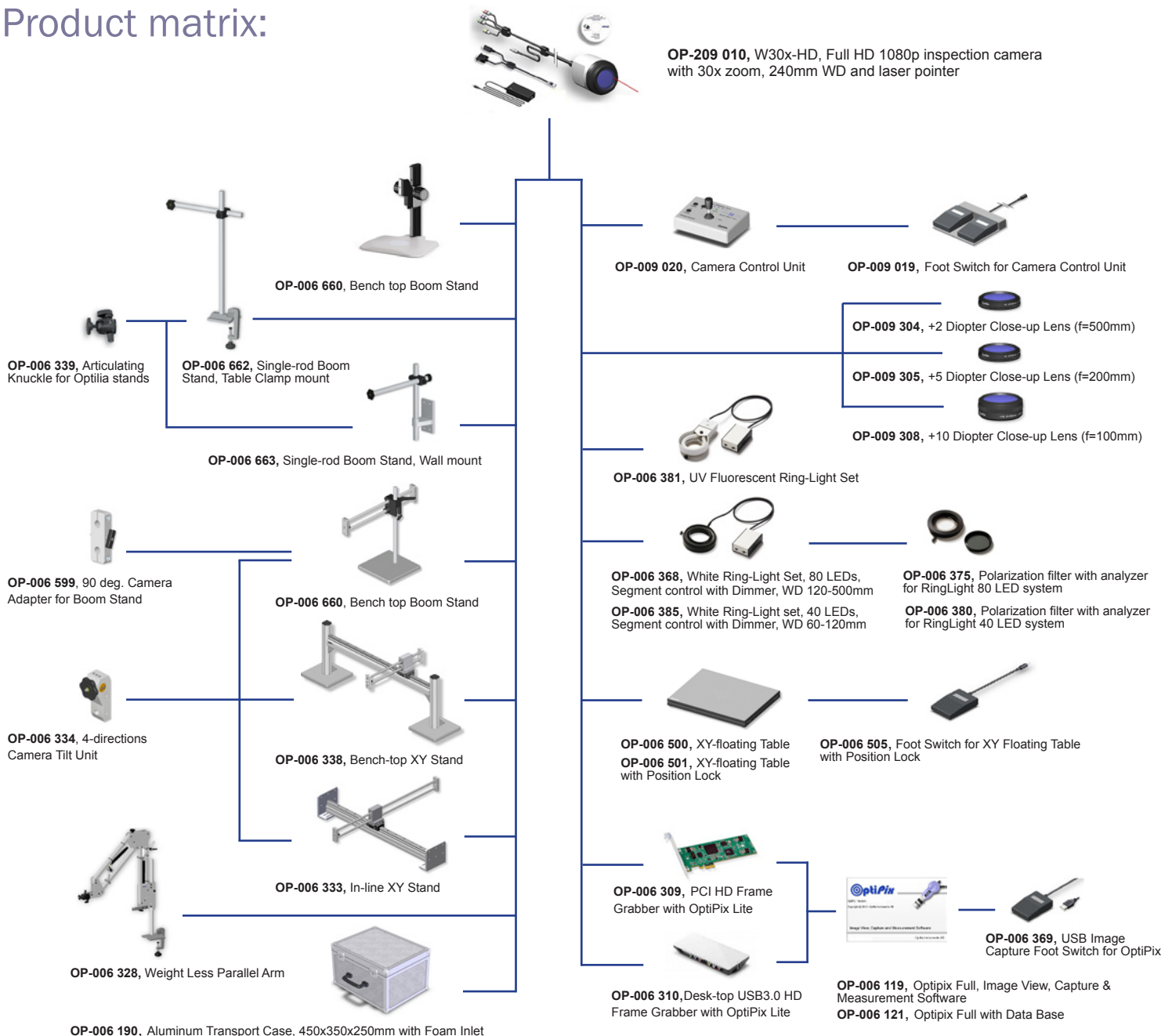
W30x-HD

High Definition 1080p Camera Microscope with x30 Optical Zoom and swift Auto-Focus



Versatile, scalable and ergonomic video camera microscope producing bright pictures for fast and reliable optical inspection. The W30x has a powerful 30x optical zoom, 60mm to 240mm working distance range and a swift auto focus for clear examination of your object in Full 1080p High Definition resolution. An extensive range of lenses, illuminations, software, mounting and stand configurations allows for versatile installation in all working situations.

Product matrix:



Technical specification:

- Image Sensor ○ 1/2.8" CMOS, ~ 3.2M pixels
- Picture Quality ○ Full HD 1080p (1920x1080)
- Output Signal ○ 1080/59.94i, 1080/50i, 720/59.94p, 720/50p, PAL, NTSC
- Optics ○ 30x optical zoom with auto focus, F1.6 to F14 (F4.7 to F14 at 30x)

- Working Distance (w/o Close-up) ○ ~ 210 - 240 mm
- Working Distance with +2 Close-up ○ ~ 145 - 160 mm
- Working Distance with +5 Close-up ○ ~ 95 - 110 mm
- Working Distance with +10 Close-up ○ ~ 60 - 70 mm

- Field of View at 1x zoom ○ ~ 272 x 153 mm (~ 1.9x magnification on 24" monitor)
- Field of View at 10x zoom ○ ~ 28 x 15.8 mm (~ 19x magnification on 24" monitor)
- Field of View at 30x zoom ○ ~ 9.4 x 5.3 mm (~ 55x magnification on 24" monitor)
- Field of View at 30x zoom +2 Close-up ○ ~ 6.3x 3.5 mm (~ 83x magnification on 24" monitor)
- Field of View at 30x zoom +5 Close-up ○ ~ 5.4 x 3.0 mm (~ 96x magnification on 24" monitor)
- Field of View at 30x zoom +10 Close-up ○ ~ 3.5 x 2.0 mm (~ 149x magnification on 24" monitor)

- Camera Control ○ Aluminum housing Control unit device with Joystick or PC Control Software via serial COM or USB port

- Adjustable Parameters ○ Optical zoom, iris, exposure (shutter speed), brightness, focus, white balance (colour), picture freeze, NIR-vision mode, image rotate, negative picture, save & recall, zoom factor display and cross line on live image.

- Laser Pointer ○ Red LED laser, 0,5mW output power, Laser Class 2

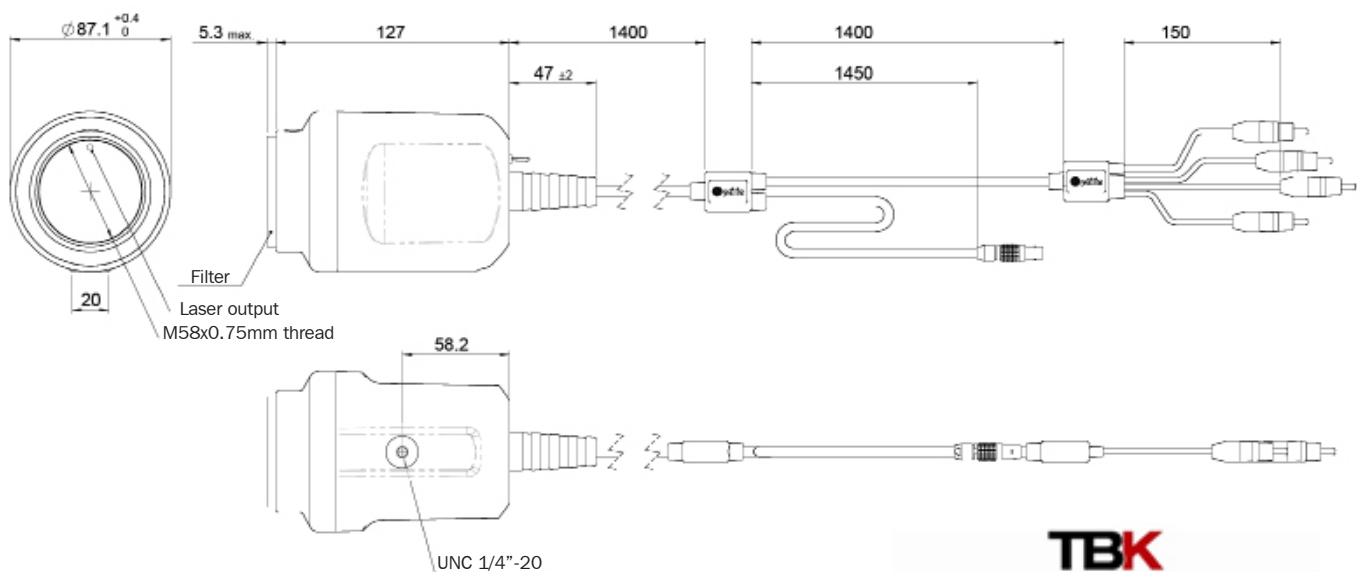
- Inputs ○ DC in and Serial RS-232 (via circular connector or 5-pin MiniDin DB9-F an COM-USB adapter)

- Outputs ○ HD Component Y/Pb/Pr Video out (RCA), PAL/NTSC Video out (RCA)

- Storage Environment ○ -20° - +60°C, 20 - 95% RH, non-condensing
- Operating Environment ○ -5° - +60°C, 20 - 95% RH, non-condensing
- Power Requirement ○ 12.0 VDC, 4.0 W max
- Weight of camera ○ 950 g. max (without stand and control unit)

- Model Options ○ W30x-HD (Standard)
- W30x-HD-E (ESD-protected)
- W30x-HD-M (Medical housing)

Dimensions:



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