

W20x-HD

High Definition Inspection Camera with laser pointer

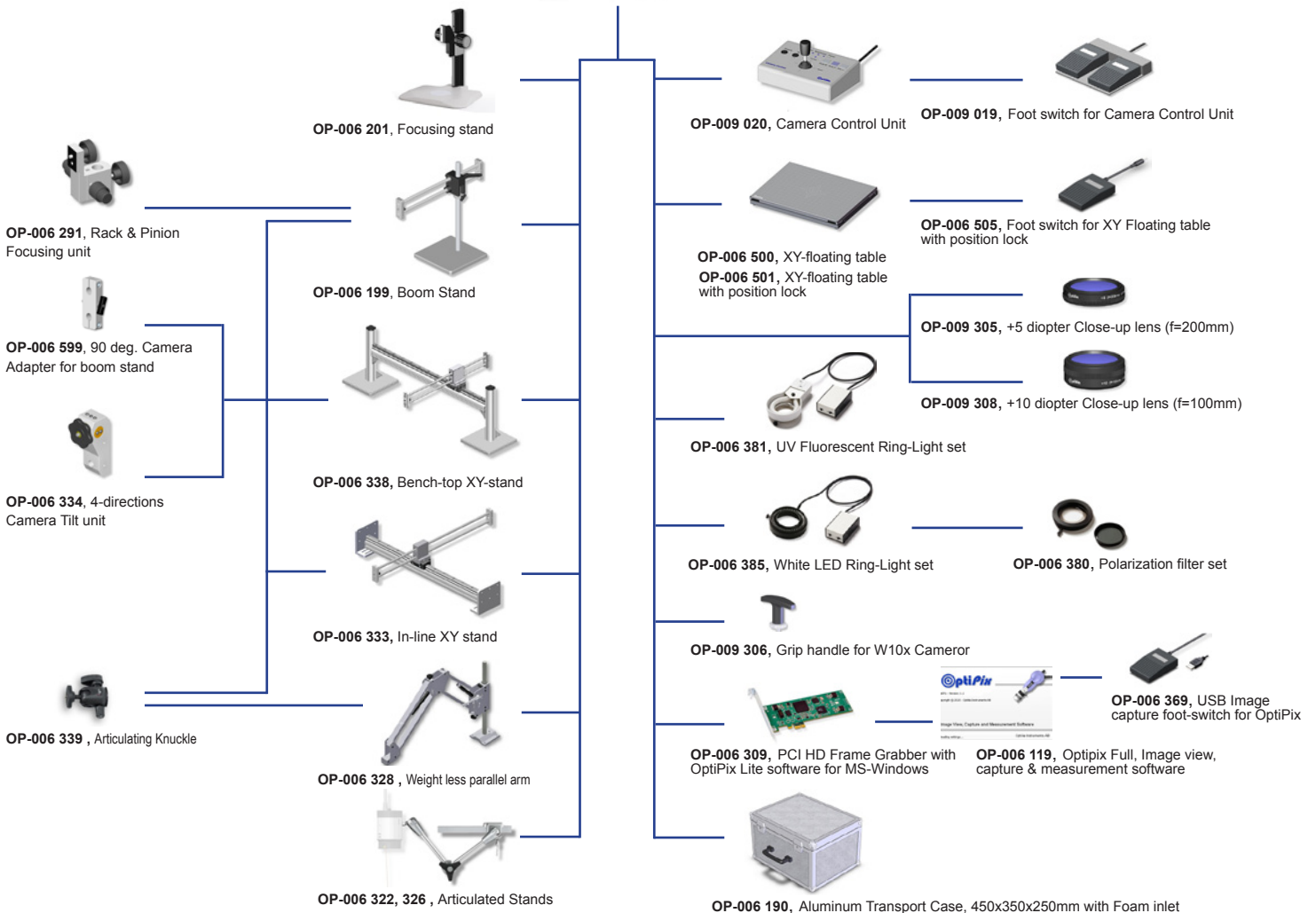


Versatile, scalable and cost effective video inspection system for fast and reliable optical inspection. The W20x has a powerful 20x optical zoom, extended working distance and a swift auto focus for clear examination of your object in real High Definition.

Product matrix:



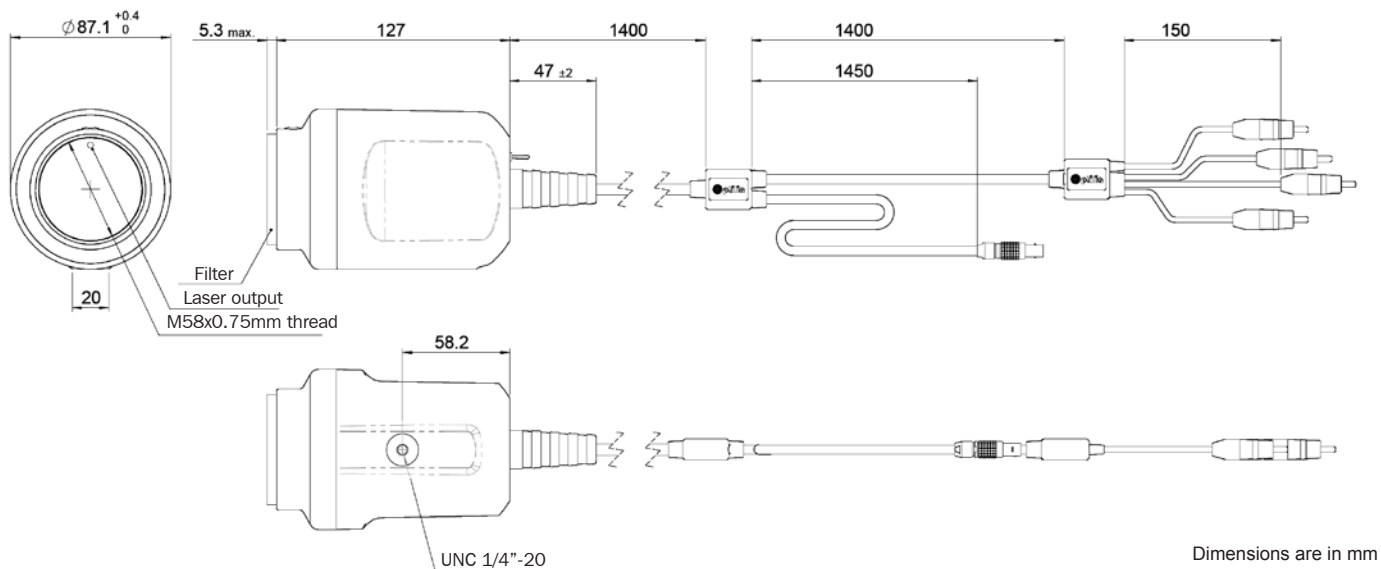
OP-109 010, W20x-HD, 20x zoom Full HD inspection camera with laser pointer



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 ○ 20x optical zoom with auto focus, F1.6 (F3.5 at 20x) to F14
- Working Distance (w/o Close-up) ○ ~ 190 - 245 mm
- Working Distance with +5 Close-up ○ ~ 90 - 100 mm
- Working Distance with +10 Close-up ○ ~ 55 - 60 mm
- Field of View at 1x zoom ○ ~ 240 x 135 mm (~ 3x magnification on 32" monitor)
- Field of View at 10x zoom ○ ~ 24 x 13.5 mm (~ 30x magnification on 32" monitor)
- Field of View at 20x zoom ○ ~ 12 x 6.7 mm (~ 60x magnification on 32" monitor)
- Field of View at 20x zoom +5 Close-up ○ ~ 5.5 x 3.1 mm (~ 130x magnification on 32" monitor)
- Field of View at 20x zoom +10 Close-up ○ ~ 3.6 x 2.0 mm (~ 200x magnification on 32" monitor)
- Camera Control ○ External 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 and setup Save & Recall
- Laser pointer ○ Red LED laser, 0,5mW output power, Laser Class 2
- Inputs/outputs ○ DC in (5-pin MiniDin), Serial RS-232 (DB9-F or via COM-USB adapter), HD Component Y/Pb/Pr Video out (RCA), PAL/NTSC Video out (RCA)
- Storage Environment ○ -20° - +60° C, 5 - 90% RH, non-condensing
- Operating Environment ○ 0° - +50° C, 5- 90% RH, non-condensing
- Power Requirement ○ 12.0 VDC, 4.0 W max
- Weight ○ 900 gr. Max.
- Model options ○ W20x-HD (Standad)
W20x-HDE (ESD-protected)
W20x-HDM (Medical approved)

Dimensions:



Optilia Instruments AB
 Djupdalsvägen 22, SE-192 51 Sollentuna, Sweden.
 Phone: +46 8 35 33 60
 Email: info@optilia.eu
 Web: www.optilia.eu

Reseller: