

# M20x-HD *EasyView*

High Definition 720p Inspection Camera with 20x optical Zoom and fast Auto-Focus



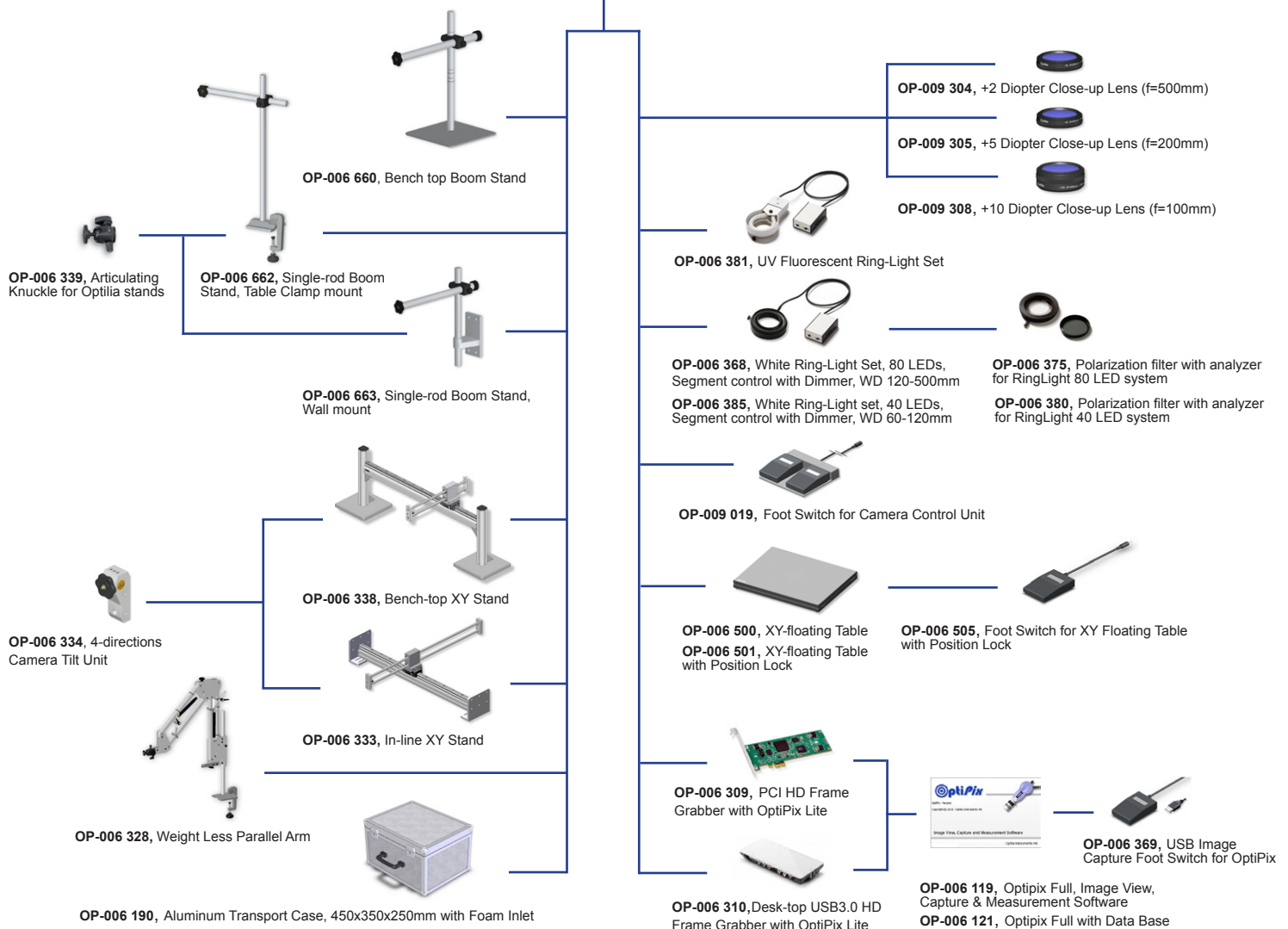
Cost effective, plug-and-play and ergonomic video inspection system producing bright pictures for fast and reliable optical inspection. The M20x has a powerful 20x optical zoom, 60mm to 240mm working distance range and a swift auto focus for clear examination of your object in 720p High Definition. An extensive range of lenses, illuminations, software, mounting and stand configurations allows for versatile installation in all working situations.

## Product matrix:



**OP-109 013**, M20x-HD EasyView, Camera with Control unit

**OP-109 011**, M20x-HD EasyView, Camera with Control unit & Stand



# Technical specification:

Image Sensor ○ 1/4" CMOS, ~ 1.4 mega pixels

Picture Quality ○ HD 720p (1280x720)

Output Signal ○ 720p/60, 720p/50

Optics ○ 20x optical zoom with auto focus, F1.4 (F3.4 at 20x) to F14

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 ○ ~ 245 x 138 mm (~ 2.8x 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 ○ ~ 11 x 6.2 mm (~ 60x magnification on 32" monitor)

Field of View at 20x zoom +2 Close-up ○ ~ 7.4x 4.2 mm (~ 95x magnification on 32" monitor)

Field of View at 20x zoom +5 Close-up ○ ~ 5.0 x 2.8 mm (~ 140x magnification on 32" monitor)

Field of View at 20x zoom +10 Close-up ○ ~ 3.6 x 2.0 mm (~ 190x magnification on 32" monitor)

Camera Control ○ Aluminum housing Control unit with function buttons

Adjustable parameters ○ Optical zoom, brightness, focus, picture freeze, zoom factor display, setup Save & Recall

Inputs ○ DC in (5-pin MiniDin)

outputs ○ HD Component Y/Pb/Pr Video out (3xRCA), External foot pedal (stereo jack)

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 ○ 710 g. max (without control unit). 970 g. max (with control unit)

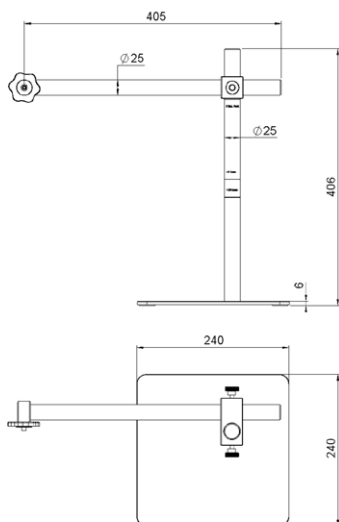
Weight of Bench-top Boom Stand ○ 2300 g. max

Model options ○ M20x-HD EastView (Standard)

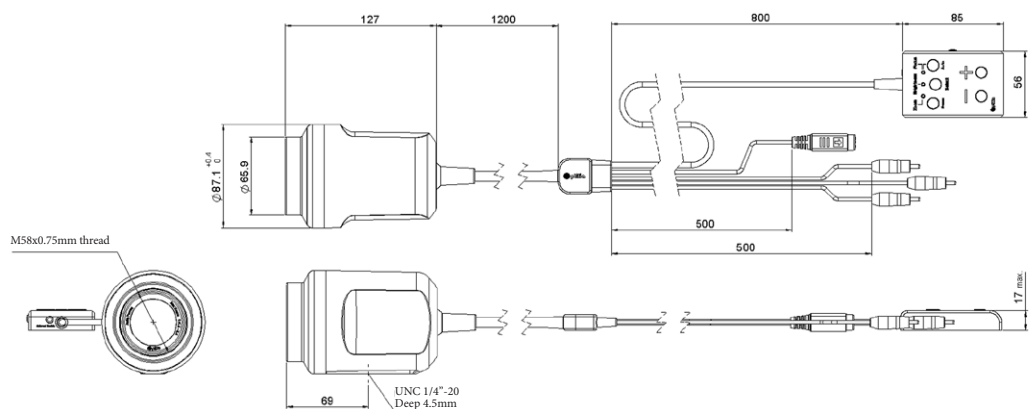
M20x-HDE EastView (ESD-protected)

M20x-HDM EastView (Medical housing)

## Dimensions:



Bench-top Boom Stand



Dimensions are in mm



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