

MacroZoom MZ.4702(-HDS)

long WD AF macrozoom K/1080p

HIGHLIGHTS

- Long working distance up to 67 cm
- Autofocus
- Stand-alone or PC operated
- Sony 8.3 CMOS sensor
- 18x optical zoom ratio
- Auto or manual focus
- Great for QC or production sites
- 400-670 mm extra-large working distance
- Built-in mouse-driven software



● MZ.4702-HDS

TECHNICAL SPECIFICATIONS

ZOOM OBJECTIVE

- The 16 elements objective has a 18x zoom ratio with manual or automatic focusing function
- Fields of view from 65 x 37 cm (1x zoom) to 3.6 x 2 cm (18x zoom)
- On-screen magnification 0.8-14.5x @600 mm WD. (24" screen)
- Focusing range is between 400 and 670 mm

WD = working distance

CAMERA

- The 8.3 MP camera is equipped with a Sony 1/2.8 inch 4K UHD/1080P CMOS high-definition sensor with high signal-to-noise ratio generating a 3840 x 2160 pixels video streaming up to 60 images per second
- The 4K/UHD signal fits the HDMI input of a HD screen
- Image and video storage is done on a built-in SD card, or USB flash drive (not included)
- Stand-alone or PC operated (ImageFocus Alpha)



MZ.4702

675 (h) x 380 (w, base plate) 560 (w, all in) x 260 mm (d) | 4.6 kg

ILLUMINATION

For Illumination we recommend using Euromex LE.5207 or LE.5212

PC/MAC SOFTWARE

Operates with ImageFocus Alpha imaging and measuring software for Windows 10 and higher (32 and 64 bit configurations) MacOS and Linux for a full range of image management tools

PACKAGE CONTENT

Supplied with a 32 GB SD card, mouse, WiFi dongle, HDMI cable and external 100-240 Vac / 12Vdc / 3A power supply



● WiFi dongle



MZ.4700* AND MZ.4702 COMPARED

MODELS ¹	Camera model	With stand	Auto-focus	Fields of view	On-screen magnification (24" screen)	WD ⁴ with autofocus	Sensor	Sensor size inch	Resolution 3840 x 8160 p	Connection	Illumination included
MZ.4700(-HDS)*	MZ.4705	•	•	255 x 145 mm (1x zoom) ~ 14 x 8 mm (18x zoom)	2.8 ~ 47x @190 mm	205 ~ 225 mm	8.3 MP Sony 4K UHD	1/2.8	Up to 30 fps ²	PC/MAC/ Stand-alone HDMI/WiFi/ Ethernet	•
MZ.4702(-HDS)	MZ.4707	•	•	65 x 37 cm (1x zoom) ~ 3.6 x 2 cm (18x zoom)	0.8 ~ 14.5x @600 mm	400 ~ 670 mm	8.3 MP Sony 4K UHD	1/2.8	Up to 60 fps ³	PC/MAC/ Stand-alone HDMI/WiFi/ Ethernet	

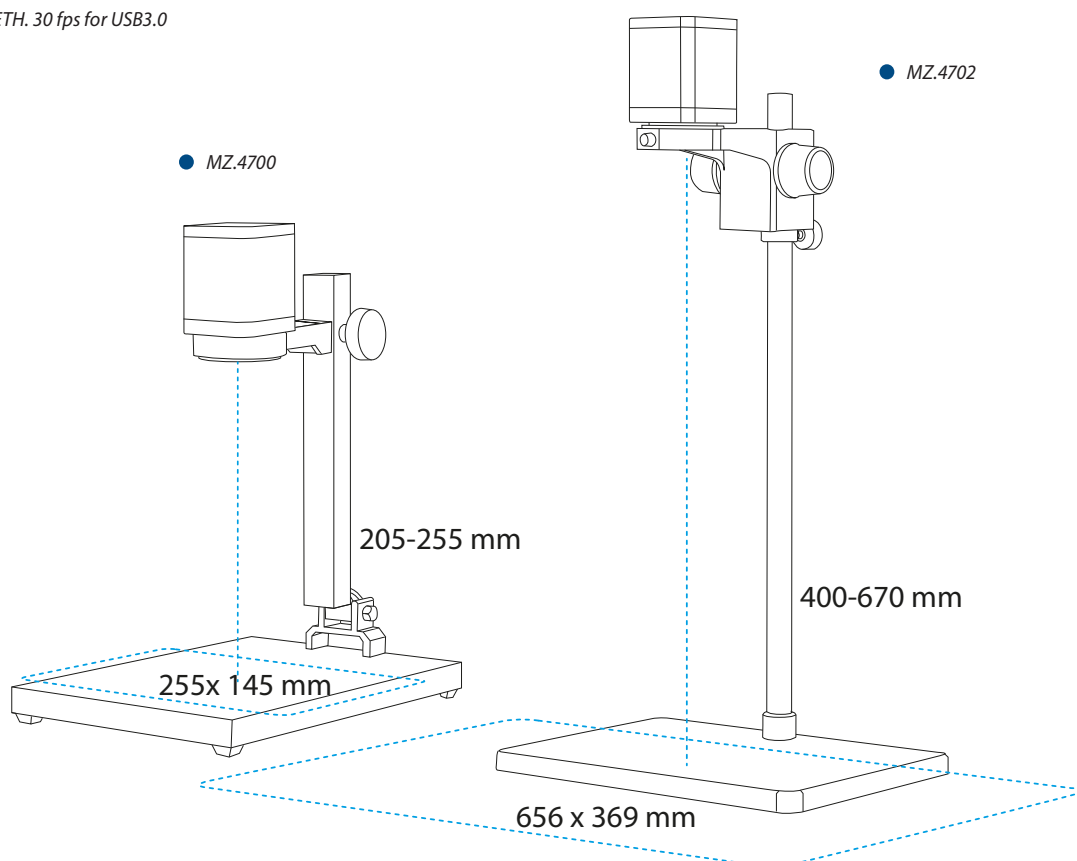
* See datasheet on MacroZoom MZ.4700 for further specifications

¹ Models with -HDS have an 11 inch HD screen

² 30 fps for HDMI 1.4, USB 2.0, WiFi-5 and ETH

³ 60 fps for HDMI 2.0, WiFi-5 and ETH. 30 fps for USB3.0

⁴ WD = working distance



ORDER PRODUCT REFERENCES

MZ.4702	Stand-alone long working distance digital autofocus MacroZoom* with stand
MZ.4702-HDS	Stand-alone long working distance digital autofocus MacroZoom* with stand and HD screen
MZ.4707	Stand-alone long working distance digital autofocus MacroZoom, camera only*
MZ.4714	Standard stand with camera holder for MZ.4702/4705
MZ.4716	11 inch HD screen for MZ.4702/4705, pillar attachment for MZ.4714 included

* Supplied with a 32 GB SD card, mouse, WiFi dongle, HDMI cable and power supply

MZ.4707 can also be mounted on NexiusZoom stands such as NZ.9047



● MZ.4707

ACCESSORIES

- LE.5207** Economical dual LED intensity adjustable light source with two 44 cm flexible gooseneck arms, each mounted with a 3 W LED
- LE.5212** Light source station with multiple power supply connections for two self-sustaining gooseneck-type guides, one ringlight and one transmitted stage illumination. For stand-alone usage or mounted on stereo microscope pillar stands with diameters up to 44 mm or with 35- and 25-mm pole mounting adapter rings

STANDS

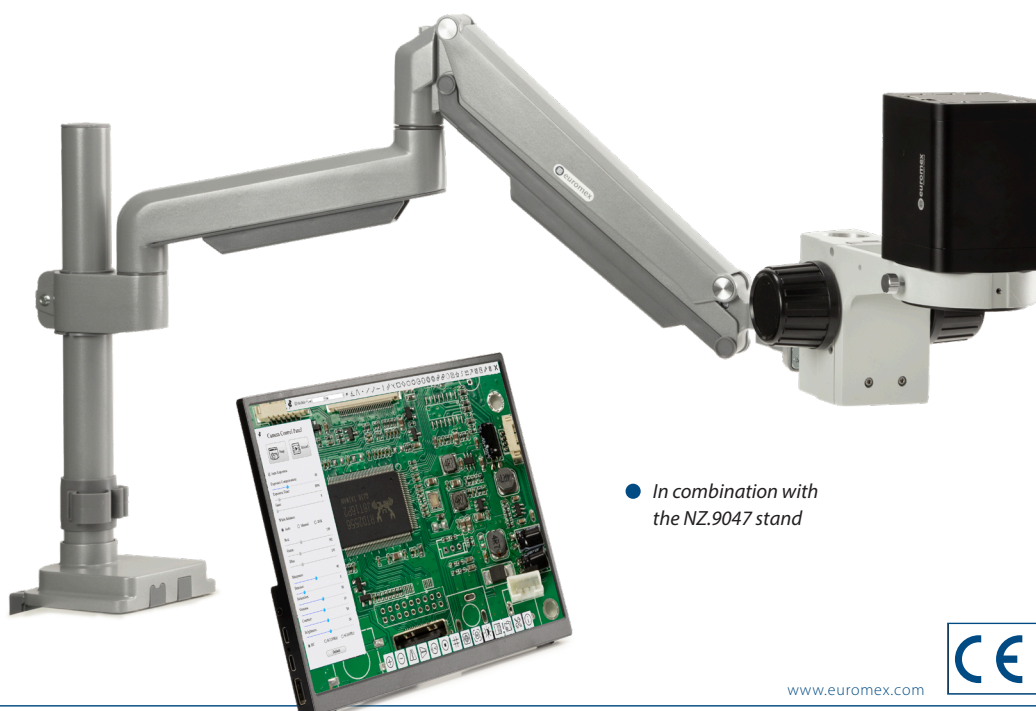
- NZ.9025** Black articulated stand with table clamp (needs holder NZ.9081)
- NZ.9027** Articulated arm stand with heavy stand (needs holder NZ.9081)
- NZ.9081** 76 mm holder for articulated arm stands NZ.9025 and NZ.9027
- NZ.9030** Universal double-arm stand, needs holder (NZ.9090/9095)
- NZ.9032** Universal double-arm stand with table clamp, needs holder (NZ.9090/9095)
- NZ.9090** Holder, with coarse control suitable for NZ.9030/9032 stands
- NZ.9095** Holder with fine coarse for NZ.9030/9032 stands
- NZ.9047** Articulated stand with adjustable tilt, swivel and rotating functions. With desktop clamp for mounting on 10-85 mm tabletops. Can also be fixed on tables with drilled holes. Supplied with 76 mm holder



● LE.5207



● LE.5212



● In combination with the NZ.9047 stand



www.euromex.com