DIGITAL MICROSCOPES

TAGARNO ZIP+

Portable FHD digital microscope

FHD 1080p @ 60 FPS | 1.7x–53x | 280 mm Working Depth | 2.0 kg, Portable | Integrated Light | USB 3.0 Image Capture



OVERVIEW

The **TAGARNO ZIP+** is the entry model for simple magnification tasks between 1.7x and 53x. It is light enough to move between workstations, has one height setting and needs no software, so operators use it with almost no training.

It is built from high-quality materials for a long service life, and the new camera gives a better dynamic range on reflective surfaces and solder joints, more natural colours and less noise. The ZIP won the 2023 Mexico Technology Award and a Global Technology Award.

KEY FEATURES

Portable
2.0 kg, one height setting, quick to move between stations

Magnification 1.7x–53x
with the +4 lens on a 24" FHD monitor, 280 mm working depth

Integrated light
plus clamp-mounted or TAGARNO ring lights

Image capture via USB 3.0
plug-and-play on a PC with generic drivers, also in online meetings

New camera
better dynamic range and colour reproduction, less noise, faster settings

LENSES AND MAGNIFICATION

Magnetic lenses available for this microscope. Magnification depends on the monitor size (24" FHD or 27" 4K).

Lens	Magnification	Field of view	Lens to object distance	Resolution
Lens +4, 58 mm (2.28")	1.7x–53x (24" FHD)	11 mm–290 mm	250 mm	–

TECHNICAL SPECIFICATIONS

CAMERA

FHD camera, 1920 × 1080 @ 60/50/30/25 Hz, 2 MP	✓
60 frames per second	✓
Optical zoom	✓
Video output	HDMI + USB 3.0
16:9 aspect ratio	✓

DIMENSIONS

Working height	233 mm (9.17")
Working depth	280 mm (11.02")
Dimensions	H: 350 mm (13.78") W: 155 mm (6.10") D: 386 mm (15.20")
Weight	2.0 kg (4.4 lbs)

LIGHT

Integrated light	✓
TAGARNO Ring light compatibility (White and UV)	Lens mounted
Any clamp-mounted ring light (for Ø67 mm lens)	✓

CONTROL

Control box included	XKEY
Foot switch (Hands-free)	✓
Keyboard & Mouse	✓

FEATURES

Image capture with USB 3.0 output and generic drivers	✓
Plug-and-play integration into online meetings	✓
USB accessories (keyboard, mouse, barcode, USB device)	✓
Camera settings	Basic
Presets/favorites	✓
ESD safe	✓

ACCESSORIES FOR THE ZIP+

Lenses: Lens +4, for FHD, Protective cover lens, Lens cleaning kit; **Lighting:** Ring light white, Ring light UV, Coaxial light kit, Polarizer set; **Control boxes:** XKEY control box, Lights control box, Control box back light + coaxial light, Foot

switch; **Monitors:** Monitor 24"; **App accessories:** White balance calibration card, White balance calibration card fixture.

Configuration, demo and quotation

InterElectronic is the TAGARNO partner for Hungary and Central Europe: application advice, sample tests, installation, training and service.

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Specifications according to TAGARNO. ✓ = included or supported, – = not available. Subject to change without notice.