

## Digital Microscope (Dino-Lite)

Studied and designed for a professional use, Dino-Lite is a very compact microscope product range which allows the users all high standard shootings (pictures and videos) even in real time and has a zoom feature that may magnify up to 500X. Measurements features such as lines, angles, diameters and radius, calibration as well are available on 400 series.

**All the following products are sold with professional rack AM35B or standard rack AMITA. Professional Rack AM35B is also available as spare parts in single packaging.**

### Practical Uses

- Quality control in industrial fields
- After-Sales Services
- Technical teleconferences
- Research and science

### System Requirements

- Windows Vista, XP, 2000, Mac
- CD-ROM drive
- Intel Pentium 4 1.5 GHz or faster (dual-core)
- RAM : at least 256 MB (more recommended)
- Disk : at least 150 MB of available disk space
- VGA Card : 16-bit or above
- USB : 1 available port (USB 2.0 recommended, cable length approx. 180 cm.)

## 413T-A

- Resolution: 1.3 M pixels (1280 x 1024)
- Adjustable magnifications: 10 x ~50x, 200x
- Illumination: Built-in 8 white-light LED illumination (software switchable)
- Video frame rate: up to 30fps
- Other: Micro Touch snapshot
- Software: DinoCapture with support for measurement functions, calibration option and additional digital zoom.
- Dimensions: 105 mm (H) x 32 mm (D)
- Microscope Weight: 95 g.
- Total weight with rack AM35B: 1.8 Kg

**Digital Microscope 413T-A →  
(with standard rack AMIA)**



## 413T-X

- Resolution: 1.3 M Pixels (1280 x 1024)
- Adjustable magnifications: 10 x ~50x, 200x
- Illumination: Built-in 8 white-light LED illumination (software switchable)
- Video frame rate: up to 30fps
- Other: Micro Touch snapshot
- Software: DinoCapture with support for measurement functions, calibration option and additional digital zoom.
- Dimensions: 105 mm (H) x 32 mm (D)
- Microscope Weight: 95 g.
- Total weight with rack AM35B: 1.8 Kg

**Digital Microscope 413T-X →  
(with professional Rack AM35B)**



## 413TL-X

- Resolution: 1.3 M Pixels (1280 x 1024)
- Adjustable magnifications: 10x~20x, 20x~92x
- Illumination: Built-in 8 white-light LED illumination (software switchable)
- Video frame rate: up to 30fps
- Other: Micro Touch snapshot
- Software: DinoCapture with support for measurement functions, calibration option and additional digital zoom.
- Dimensions: 105 mm (H) x 32 mm (D)
- Microscope Weight: 95 g.
- Total weight with rack AM35B: 1.8 Kg

### **413TL vs. 413T allows a use with a distance up to 14.4 cm/ 5.7" from objects**

- (92X) Magnification @ 4.7 cm /1.9" from object - FOV= 0.15" (L) x 0.11" (W) / 3.8mm x 2.85mm
- (79X) Magnification @ 5.0 cm /2.0" from object - FOV= 0.18" (L) x 0.13" (W) / 4.5mm x 3.3mm
- (52X) Magnification @ 6.3 cm /2.5" from object - FOV= 0.27" (L) x 0.20" (W) / 6.8mm x 5.1mm
- (27X) Magnification @ 11.5 cm /4.5" from object - FOV= 0.52" (L) x 0.38" (W) / 13mm x 9mm
- (20X) Magnification @ 14.4 cm /5.7" from object - FOV= 0.7" (L) / 0.4" (W) / 18mm x 10 mm

**Digital Microscope 413TL-X →  
(with professional Rack AM35B)**



### **413ZT-X (with polarized filter !!!)**

- Resolution: 1.3 M pixels (1280 x 1024)
- Adjustable magnifications: 10 x ~50x, 200x
- Illumination: Built-in 8 white-light LED illumination (software switchable)
- Video frame rate: up to 30fps
- Other: Micro Touch snapshot
- Software: DinoCapture with support for measurement functions, calibration option and additional digital zoom.
- Dimensions: 105 mm (H) x 32 mm (D)
- Microscope Weight: 95 g.
- Total weight with rack AM35B: 1.8 Kg

**The AM413ZT is a product extended from AM413T by adding routable polarizer filter. Simply by rotating the polarizer filter, the AM413ZT could amazingly decrease the reflection glare to almost any extent, and could thus help the user see through the surface of fully or partially transparent materials, such as jewellery, skin, glass, and plastic, or see clearly the high reflectivity materials, such as metal or soldering. The AM413ZT could be very useful in some application including PCB, printing, machining, textile, jewellery, or skin care etc.**

#### **Digital Microscope 413ZT-X (413ZT Microscope is sold with professional Rack AM35B)**



### **413T5-X (500X Magnification!!!)**

- Resolution: 1.3 M pixels (1280 x 1024)
- Magnifications: 500x
- Illumination: Built-in 8 white-light LED illumination (software switchable)
- Video frame rate: up to 30fps
- Software: DinoCapture with support for measurement functions, calibration option and additional digital zoom.
- Dimensions: 105 mm (H) x 32 mm (D)
- Microscope Weight: 95 g.
- Total weight with rack AM35B: 1.8 Kg

#### **Digital Microscope 413T5-X (413T5 Microscope is sold with professional Rack AM35B)**



### **313PLUS-X**

- Resolution: 640\* 480pixels (VGA)
- Adjustable magnification: 10x~50x, 200x (Continuous magnification without switch lenses)
- Built-in 8 white-light LED illumination(software switchable)
- Frame rate: up to 30fps
- Interface: High speed USB image transmission (PC)
- Dimension: 10cm (Height) \*3.2CM (D)
- Weight: 90g
- With DinoCapture Software(with measurement function)
- Enabling you to capture picture,time-lapsed video in a click

**Digital Microscope 313PLUS-X →  
(sold with professional Rack AM35B)**



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