

# Dino-Lite high speed

More information on [www.dino-lite.eu/highspeed](http://www.dino-lite.eu/highspeed)

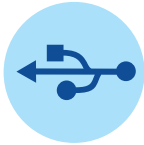


## Dino-Lite high speed

For working in environments where you do not want to use a computer, or when a high-speed stream is required, a Dino-Lite with USB 3.0, DVI, VGA or direct TV connection might be the best solution.

The Dino-lite series with a VGA connector can be plugged directly into a computer monitor (VGA screen) and the DVI and TV models can be connected directly to the TV screen. A great advantage of the High-Speed models is that they offer a high frame rate of up to 60 frames per second.

### USB 3.0 connection



High Speed models that connect directly to a computer via a USB 3.0 connector.



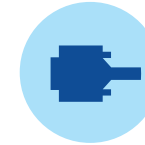
### High Definition connection (HD)



High Speed models that connect directly to a computer monitor or a TV screen via a DVI connector.



### Direct VGA connection



High Speed models that connect directly to a computer monitor/ VGA screen via a VGA (D-SUB) connector.



# Dino-Lite high speed - USB 3.0 connection

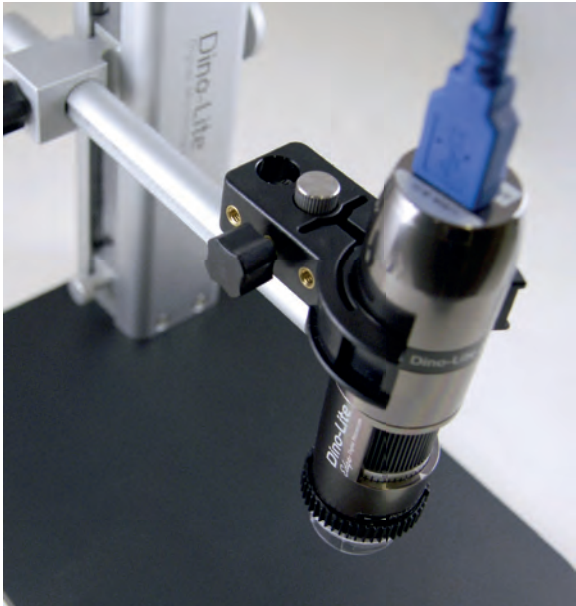
more information on [www.dino-lite.eu/usb-3](http://www.dino-lite.eu/usb-3)



AM73xxx series

USB 3.0 adds a new transfer mode called “SuperSpeed” (SS) capable of transferring data up to 5Gbits/s (625MB/s). Dino-Lite models with USB 3.0 offer an image transfer speed of up to 45FPS at a 1280 x 960 resolution. SuperSpeed allows users to take advantage of the full power of the Dino-Lite Edge Series optics including improved colour accuracy and image quality.

- 2** 2-year European warranty
- Regulatory approval:** CE, FCC, ROHS
- SDK** Free SDK available for integration projects
- Included software:** DinoCapture 2.0 (Windows), DinoXcope (Mac OS)



MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	MAX. FPS*	EXCHANGEABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
HIGH SPEED USB 3.0 CONNECTION														
AM73115MZT	5 Megapixel	20-220x	USB 3.0	-	✓	8	45 fps	✓	✓	✓	✓	Edge	FLC	€ 900-1000
AM73115MZTL	5 Megapixel	10-140x	USB 3.0	✓	✓	8	45 fps	✓	✓	✓	✓	Edge	FLC	€ 900-1000
AM73115MTF	5 Megapixel	10-70x	USB 3.0	✓	✓	8	45 fps	✓	-	✓	✓	Edge	ELWD/FLC	€ 900-1000
AM73515MZT	5 Megapixel	20-220x	USB 3.0	-	✓	8	45 fps	✓	✓	✓	✓	Edge	AMR/FLC	€ 900-1000
AM73515MZTL	5 Megapixel	10-140x	USB 3.0	✓	✓	8	45 fps	✓	✓	✓	✓	Edge	AMR/FLC	€ 900-1000
AM73915MZT	5 Megapixel	20-220x	USB 3.0	-	✓	8	45 fps	✓	✓	✓	✓	Edge	EDOF/EDR/AMR/FLC	€ 1100-1200
AM73915MZTL	5 Megapixel	10-140x	USB 3.0	✓	✓	8	45 fps	✓	✓	✓	✓	Edge	EDOF/EDR/AMR/FLC	€ 1100-1200

\* maximum frame rate at 1.3MP

# Dino-Lite high speed - Direct VGA connection (D-SUB)



AM4116xx/AM4116xx

AM5216xx/AM5216xx



High Speed models that connect directly to a computer monitor/ VGA screen via a VGA (D-SUB) connector. It offers a high frame rate of up to 60 fps at 800 x 600 resolution and has enhanced low light visibility so you can see clearly in any situation.

**2** 2-year European warranty

Regulatory approval: CE, FCC, ROHS

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	MAX. FPS*	EXCHANGEABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
<b>HIGH-SPEED VGA CONNECTION</b>														
AM4116T	800x600	10-70x, 200x	VGA (D-Sub)	-	-	8	60 fps	-	-	-	-	-	-	€ 200-300
AM4116TL	800x600	10-90x	VGA (D-Sub)	✓	-	8	60 fps	-	-	-	-	-	-	€ 200-300
AM4116ZT	800x600	10-70x, 200x	VGA (D-Sub)	-	-	8	60 fps	-	✓	-	-	-	-	€ 300-400
AM4116ZTL	800x600	10-90x	VGA (D-Sub)	✓	-	8	60 fps	-	✓	-	-	-	-	€ 300-400
AM5116T	720P	10-70x, 200x	VGA (D-Sub)	-	-	8	60 fps	-	-	-	-	-	Freeze Frame Function	€ 300-400
AM5116ZT	720P	10-70x, 200x	VGA (D-Sub)	-	-	8	60 fps	-	✓	-	-	-	Freeze Frame Function	€ 400-500
AM5116ZTL	720P	10-90x	VGA (D-Sub)	✓	-	8	60 fps	-	✓	-	-	-	Freeze Frame Function	€ 400-500
AM5216T	720P	20-220x	VGA (D-Sub)	-	-	8	60 fps	-	-	-	-	Edge	Freeze Frame Function	€ 400-500
AM5216ZT	720P	20-220x	VGA (D-Sub)	-	-	8	60 fps	✓	✓	-	-	Edge	Freeze Frame Function	€ 500-600
AM5216ZTL	720P	10-140x	VGA (D-Sub)	✓	-	8	60 fps	✓	✓	-	-	Edge	Freeze Frame Function	€ 500-600
AM5216TF	720P	10-70x	VGA (D-Sub)	✓	-	8	60 fps	✓	-	-	-	Edge	Freeze Frame Function/ELWD	€ 500-600



# Dino-Lite high speed - high definition connection (DVI)

More information on [www.dino-lite.eu/dvi](http://www.dino-lite.eu/dvi)



AM5018 series

High Speed models that connect directly to a computer monitor or a TV screen via a DVI connector.

2

2-year  
European  
warranty



Regulatory  
approval:  
CE, FCC, ROHS



MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	MAX. FPS*	EXCHANGEABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
HIGH-SPEED DVI CONNECTION														
AM5018MZT	HD 720p	10-70x, 200x	High Definition (DVI)	-	-	8	60 fps	-	✓	✓	✓	-	Freeze Frame Function	€ 600-700
AM5018MZTL	HD 720p	20-90x	High Definition (DVI)	✓	-	8	60 fps	-	✓	✓	✓	-	Freeze Frame Function	€ 600-700
AM5218MZT	HD 720p	20-220x	High Definition (DVI)	-	-	8	60 fps	✓	✓	✓	✓	Edge	Freeze Frame Function	€ 700-800
AM5218MZTL	HD 720p	10-140x	High Definition (DVI)	✓	-	8	60 fps	✓	✓	✓	✓	Edge	Freeze Frame Function	€ 700-800

# recommended product

More information on [www.dino-lite.eu/am5216ztl](http://www.dino-lite.eu/am5216ztl)

## AM5216ZTL

### High Speed - Direct VGA Connection - Polarizer - Long Working Distance

The Dino-Lite AM5216ZTL connects directly to a VGA screen via a VGA (D-SUB) connector. It offers a high frame rate of up to 60fps at 1280x720 resolution, resulting in crystal clear images.

Together with the long working distance of up to 15 centimeters the AM5216ZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects. By tapping the microtouch sensor on the microscope, the image can be frozen for inspection of important details and by pressing the microtouch sensor for 2 seconds the LEDs can be switched on and off. The built-in adjustable polarizer reduces glare and reflection on shiny objects.



direct  
vga  
connection



long working  
distance  
4-15 cm



continuous  
~10x - 140x



high  
speed



magnification  
lock



resolution  
1280 x 720 (720p)



8 white leds  
switchable



polarizer  
anti-reflection