model overview

universal – high magnification

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
UNIVERSAL													
AM4113T	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	8	-	-	-	-	-	-	€ 200 - 300
AM4013MT	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	8	-	-	✔	✔	-	-	€ 400 - 500
AM4113ZT	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	8	-	✔	-	-	-	-	€ 300 - 400
AM4013MZT	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	8	-	✔	✔	✔	-	-	€ 400 - 500
AM4115T	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	-	-	-	Edge	-	€ 400 - 500
AM4115ZT	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	✔	-	-	Edge	-	€ 500 - 600
AM4115TW	1,3 Megapixel	10 - 50x	USB 2.0	-	✔	8	✔	-	-	-	Edge	MACRO ZOOM	€ 400 - 500
AM4115ZTW	1,3 Megapixel	10 - 50x	USB 2.0	-	✔	8	✔	✔	-	-	Edge	MACRO ZOOM	€ 500 - 600
AM4515T	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	-	-	-	Edge	AMR	€ 400 - 500
AM4515ZT	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	✔	-	-	Edge	AMR	€ 500 - 600
AM4815T	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	-	-	-	Edge	EDOF/EDR	€ 600 - 700
AM4815ZT	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	✔	-	-	Edge	EDOF/EDR	€ 700 - 800
AM7013MT	5 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	8	-	-	✔	✔	-	-	€ 500 - 600
AM7013MZT	5 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	8	-	✔	✔	✔	-	-	€ 600 - 700
AM7115MZT	5 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	✔	✔	✔	Edge	FLC	€ 700 - 800
AM7115MZTW	5 Megapixel	10 - 50x	USB 2.0	-	✔	8	✔	✔	✔	✔	Edge	MACRO ZOOM /FLC	€ 800 - 900
AM7515MZT	5 Megapixel	20 - 220x	USB 2.0	-	✔	8	✔	✔	✔	✔	Edge	AMR/FLC	€ 800 - 900
AM7915MZT	5 Megapixel	10 - 220x	USB 2.0	-	✔	8	✔	✔	✔	✔	Edge	AMR/EDOF/EDR/FLC	€ 900 - 1000
AM7515MT2A	5 Megapixel	130 - 220x	USB 2.0	-	✔	9	✔	-	✔	✔	Edge	AMR/FLC/Coaxial	€ 900 - 1000

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
HIGH MAGNIFICATION													
AM4113ZT4	1,3 Megapixel	400 - 470x	USB 2.0	-	✔	8	-	✔	-	-	-	-	€ 300 - 400
AM4013MZT4	1,3 Megapixel	400 - 470x	USB 2.0	-	✔	8	-	✔	✔	✔	-	-	€ 500 - 600
AM7013MZT4	5 Megapixel	400 - 470x	USB 2.0	-	✔	8	-	✔	✔	✔	-	-	€ 600 - 700
AM4113T5	1,3 Megapixel	500x	USB 2.0	-	✔	8	-	-	-	-	--	-	€ 300 - 400
AM4013MT5	1,3 Megapixel	500x	USB 2.0	-	✔	8	-	-	✔	✔		-	€ 400 - 500
AM4515ZT4	1,3 Megapixel	400 - 470x	USB 2.0	-	✔	8	✔	✔	-	-	Edge	AMR	€ 500 - 600
AM4515T5	1,3 Megapixel	500 - 550x	USB 2.0	-	✔	8	✔	-	-	-	Edge	AMR	€ 500 - 600
AM4515T8	1,3 Megapixel	700 - 900x	USB 2.0	-	✔	8	✔	-	-	-	Edge	AMR	€ 600 - 700
AM7515MT4A	5 Megapixel	415 - 470x	USB 2.0	-	✔	9	✔	-	✔	✔	Edge	AMR/FLC/Coaxial	€ 900 - 1000
AM7515MT8A	5 Megapixel	700 - 900x	USB 2.0	-	✔	9	✔	-	✔	✔	Edge	AMR/FLC/Coaxial	€ 900 - 1000

long working distance (lwd)

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
LONG WORKING DISTANCE (LWD)													
AM4113TL	1,3 Megapixel	10-90x	USB 2.0	✔	✔	8	-	-	-	-	-	-	€ 300 - 400
AM4013MTL	1,3 Megapixel	10-90x	USB 2.0	✔	✔	8	-	-	✔	✔	-	-	€ 400 - 500
AM4113TL-M40	1,3 Megapixel	5-40x	USB 2.0	✔	✔	8	-	-	-	-	-	MACRO ZOOM	€ 300 - 400
AM4113ZTL	1,3 Megapixel	10-90x	USB 2.0	✔	✔	8	-	✔	-	-	-	-	€ 300 - 400
AM4013MZTL	1,3 Megapixel	10-90x	USB 2.0	✔	✔	8	-	✔	✔	✔	-	-	€ 500 - 600
AD4113ZTL	1,3 Megapixel	20-90x	USB 2.0	✔	✔	8	✔	✔	-	-	-	-	€ 400 - 500
AD4013MZTL	1,3 Megapixel	20-90x	USB 2.0	✔	✔	8	✔	✔	✔	✔	-	-	€ 500 - 600
AM4115TL	1,3 Megapixel	10-140x	USB 2.0	✔	✔	8	✔	-	-	-	Edge	-	€ 400 - 500
AM4115ZTL	1,3 Megapixel	10-140x	USB 2.0	✔	✔	8	✔	✔	-	-	Edge	-	€ 500 - 600
AM4515ZTL	1,3 Megapixel	10-140x	USB 2.0	✔	✔	8	✔	✔	-	-	Edge	AMR	€ 500 - 600
AM4815ZTL	1,3 Megapixel	10-140x	USB 2.0	✔	✔	8	✔	✔	-	-	Edge	EDOF/EDR	€ 700 - 800
AM4115TF	1,3 Megapixel	10-70x	USB 2.0	✔	✔	8	✔	-	-	-	Edge	ELWD	€ 500 - 600
AD7013MTL	5 Megapixel	20-90x	USB 2.0	✔	✔	8	✔	-	✔	✔	-	-	€ 600 - 700
AM7115MZTL	5 Megapixel	10-140x	USB 2.0	✔	✔	8	✔	✔	✔	✔	Edge	FLC	€ 700 - 800
AM7515MZTL	5 Megapixel	10-140x	USB 2.0	✔	✔	8	✔	✔	✔	✔	Edge	AMR/FLC	€ 800 - 900
AM7915MZTL	5 Megapixel	10-140x	USB 2.0	✔	✔	8	✔	✔	✔	✔	Edge	AMR/EDOF/EDR/FLC	€ 900 - 1000
AM7115MTF	5 Megapixel	10-70x	USB 2.0	✔	✔	8	✔	-	✔	✔	Edge	ELWD/FLC	€ 700 - 800

special lighting

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	TYPE OF LEDS	EMISSION FILTER	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	PRICE RANGE
SPECIAL LIGHTING ULTRAVIOLET														
AM4113FVT2	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	4	~375 nm UV	✔	-	-	-	-	-	€ 200 - 300
AM4113FVT	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	8	390/400 nm UV	✔	-	-	-	-	-	€ 200 - 300
AM4115-FUT	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	4	~375 nm UV	✔	✔	-	-	-	Edge	€ 400 - 500
AM4115-FVT	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	8	390/400 nm UV	✔	✔	-	-	-	Edge	€ 400 - 500
AM4113T-FV2W	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	4+4	375 nm UV + white	✔	-	-	-	-	-	€ 300 - 400
AM4113T-FVW	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	4+4	390/400 nm UV + white	✔	-	-	-	-	-	€ 300 - 400
AM4013MT-FVW	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	4+4	390/400 nm UV + white	✔	-	-	✔	✔	-	€ 400 - 500
AM4113T-VW	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	4+4	390/400 nm UV + white	-	-	-	-	-	-	€ 300 - 400
AM4013MT-VW	1,3 Megapixel	10 - 70x, 200x	USB 2.0	-	✔	4+4	390/400 nm UV + white	-	-	-	✔	✔	-	€ 400 - 500
AM4113TL-FVW	1,3 Megapixel	10 - 90x	USB 2.0	✔	✔	4+4	390/400 nm UV + white	✔	-	-	-	-	-	€ 300 - 400
AM4013MTL-FVW	1,3 Megapixel	10 - 90x	USB 2.0	✔	✔	4+4	390/400 nm UV + white	✔	-	-	✔	✔	-	€ 500 - 600
AM4115T-FUW	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	4+4	375 nm UV + white	✔	✔	-	-	-	Edge	€ 500 - 600
AM4115T-FVW	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	4+4	390/400 nm UV + white	✔	✔	-	-	-	Edge	€ 500 - 600
AM4115TL-FVW	1,3 Megapixel	10 - 140x	USB 2.0	✔	✔	4+4	390/400 nm UV + white	✔	✔	-	-	-	Edge	€ 500 - 600
AM7115MT-FUW	5 Megapixel	20 - 220x	USB 2.0	-	✔	4+4	375 nm UV + white	✔	✔	-	✔	✔	Edge	€ 700 - 800

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	TYPE OF LEDS	EMISSION FILTER	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	PRICE RANGE
SPECIAL LIGHTING INFRARED														
AM4115-FKT	1,3 Megapixel	20-220x	USB 2.0	-	✔	8	780 nm IR	✔	✔	-	-	-	Edge	€ 500 - 600
AM4115-FIT	1,3 Megapixel	20-220x	USB 2.0	-	✔	8	850 nm IR	✔	✔	-	-	-	Edge	€ 400 - 500
AM4115-FJT	1,3 Megapixel	20-220x	USB 2.0	-	✔	8	940 nm IR	✔	✔	-	-	-	Edge	€ 400 - 500
AD4113T-I2V	1,3 Megapixel	20-200x	USB 2.0	-	✔	4+4	390/400 nm UV + 940 nm IR	✔	✔	-	-	-	-	€ 300 - 400
AM4115T-JV	1,3 Megapixel	20-220x	USB 2.0	-	✔	4+4	390/400 nm UV + 940 nm IR	✔	✔	-	-	-	Edge	€ 500 - 600
AM7013M-FIT	5 Megapixel	10-70x, 200x	USB 2.0	-	✔	8	850 nm IR	✔	-	-	✔	✔	-	€ 500 - 600
AD7013MTL-FI2	5 Megapixel	20-90x	USB 2.0	✔	✔	8	940 nm IR	✔	✔	-	✔	✔	-	€ 600 - 700

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	EXCITATION WAVELENGTH	EMISSION WAVELENGTH	FLUOROPHORE (EXAMPLE)	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
SPECIAL LIGHTING FLUORESCENCE																
AM4115T-CFVW	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	7 FL + 1 White	EX: 400 nm + white	EM: 430 nm LP	DAPI	✔	-	-	-	Edge		€ 600 - 700
AM4115T-GFBW	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	7 FL + 1 White	EX: 480 nm + white	EM: 510 nm LP	GFP, FITC	✔	-	-	-	Edge		€ 600 - 700
AM4115T-YFGW	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	7 FL + 1 White	EX: 525 nm + white	EM: 570 nm LP	Cy3, TRITC	✔	-	-	-	Edge		€ 600 - 700
AM4115T-RFYW	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	7 FL + 1 White	EX: 575 nm + white	EM: 610 nm LP	TxRed, mCherry	✔	-	-	-	Edge		€ 600 - 700
AM4115T-DFRW	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	7 FL + 1 White	EX: 620 nm + white	EM: 650 nm LP	Cy5	✔	-	-	-	Edge		€ 600 - 700
AM4115T-GRFBY	1,3 Megapixel	20 - 220x	USB 2.0	-	✔	4 FL + 4 FL	EX: 480 nm + 575 nm	EM: 510 nm & 610 nm	GFP/FITC & TxRed/mCherry	✔	-	-	-	Edge		€ 700 - 800
AM4515T4-GFBW	1,3 Megapixel	400 - 470x	USB 2.0	-	✔	7 FL + 1 White	EX: 480 nm + white	EM: 510 nm LP	GFP, FITC	✔	-	-	-	Edge	AMR	€ 600 - 700

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	TYPE OF LEDS	FPS	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
SPECIAL LIGHTING STROBOSCOPE															
AM3713TB	VGA (640x480)	10 - 70x, 200x	USB 2.0	-	✔	8	white (stroboscopic)	60 fps	-	-	-	-	-	-	€ 300 - 400
AM3715TB	VGA (640x480)	20 - 220x	USB 2.0	-	✔	8	white (stroboscopic)	30 fps	✔	-	-	-	Edge	external trigger	€ 400 - 500

high speed connection

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

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 VGA CONNECTION														
AM4116T	800x600	10-70x, 200x	VGA (D-Sub)	-	-	8	60 fps	-	-	-	-	-	-	€ 200-300
AM4116TL	800x600	10-90z	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

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

basic - eyepiece camera's

MODEL	RESOLUTION	MAGNIFICATION	CONNECTIVITY	LONG WORKING DISTANCE	MEASUREMENT & CALIBRATION	NUMBER OF LEDS	EXCHANGABLE CAPS	POLARIZER	METAL HOUSING	ESD-SAFE	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
BASIC													
AM2111	VGA (640x480)	10 - 70x, 200x	USB 2.0	-	-	4	-	-	-	-	-	-	€ 100 - 200
AM3113T	VGA (640x480)	10 - 70x, 200x	USB 2.0	-	✔	8	-	-	-	-	-	-	€ 100 - 200

MODEL	RESOLUTION	BUILT-IN MAGNI-FICATION	CONNECTIVITY	MEASUREMENT & CALIBRATION	MOUNTING TYPE	OCULAR TUBE DIAMETER	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
EYEPIECE CAMERA'S									
AM4023	1,3 Megapixel	✔	USB 2.0	✔	inside ocular tube	23 mm	-	-	€ 100 - 200
AM4023X	1,3 Megapixel	✔	USB 2.0	✔	inside ocular tube	23,30 & 30,5 mm	-	-	€ 200 - 300
AM4023U	1,3 Megapixel	✔	USB 2.0	✔	over ocular	up to 36 mm	-	-	€ 200 - 300
AM4025X	1,3 Megapixel	✔	USB 2.0	✔	inside ocular tube & c-mount	23,30 & 30,5 mm	Edge	manual EDOF	€ 300 - 400
AM7025X	5 Megapixel	✔	USB 2.0	✔	inside ocular tube & c-mount	23,30 & 30,5 mm	Edge	manual EDOF	€ 400 - 500

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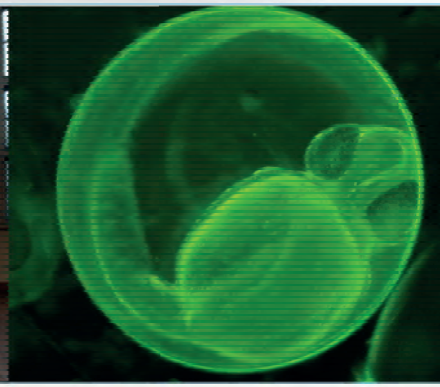
Digital Microscope
The Industry Standard



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