

AM7115MZTW

Productcode: AM7115MZTL



Korte omschrijving

5 Megapixel resolution
Robust metal housing
Wide Field of View (WFOV)
Wide Field of View (WFOV)
Flexible LED Control (FLC)

Omschrijving

Designed for macro-view observation, the 5MP Edge AM7115MZTW provides wide field-of-view while offering large depth-of-field within a magnification range of 10X-50X. With astonishing image quality and illumination flexibility inherited from 5MP Edge series, the AM7115MZTW can be accommodated to a wide range of demanding imaging tasks.



USB 2.0



Flexible LED
Control FLC



Measurement
functionality



Metal
housing



5 megapixel
2592 x 1944



8 White LEDs
switchable



Magnification
lock



Adjustable
~10-50x



Polarizer
anti-reflection



Exchangeable
cap

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications. Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944. Wide Field of View (WFOV) This significant feature is specially designed to provide large FOV at a reasonable working distance while keeping crisp image over the whole image for macro-view observation.

The main features of the AM7115MZTW are:

- 5 Megapixel Edge sensor
- Wide Field of View (WFOV)
- 10X~50X magnification
- Integrated polarizer
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
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Listed values may differ slightly * Without front cap

T Zone

50	14	9	7	3
40	42	11	9	5
30	64	15	12	9
20	119	23	19	21
15	182	30	24	39

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
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ON RATE	DISTANCE*	VIEW(X)	VIEW(Y)	FIELD
Listed values may differ slightly		* Without front cap		Unit = mm
		W Zone		
30	11	14	11	6
20	25	25	20	13
15	39	31	25	22
10	68	41	33	51
5	156	98	78	250

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Yes
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	Yes (N3C-D included)
Emissiefilter	No
Polarisator	Yes, linear
Optiek	
Magnification	10x ~ 50x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	5.0 Megapixel (2592x1944)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV (max 1.3MP)

Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Behuizing	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	135gr
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Flexible LED Control (FLC)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
Informatie	
Inhoud van de verpakking	Microscope, carry pouch, software CD, calibration target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- diffuser cap, N3C-E- extension cap, N3C-L- Long cap, N3C-S- Side light cap
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€900,00 - €1100,00

Product galerij