MATRIX 320™

COLONIA STATE

Top performing 2D reader to empower shop floor and intralogistic traceability



Matrix 320 image based code reader has been designed to EMPOWER TRACEABILITY applications providing benefits for End Users and Machine Builders. Matrix 320 brilliantly solves traceability applications in Intralogistics, Distribution, 3PL, Retail logistics and the Shop Floor.

Matrix 320 offers a COMPLETE SOLUTION and TOP PERFORMANCE to achieve higher productivity at the best price/performance ratio with its superior 2MP sensor (1920 \times 1080 pixels with a 16:9 form factor), achieving an extra large Field of View (FOV) on horizontal axis that competes against 3MP readers.

Matrix 320 has excellent reading performance on label and high resolution DPM with a powerful Smart configurable lighting allowing 3 color options able to solve extremely challenging traceability applications. To boost productivity in Intralogistics and Logistics segments, hands-free operations enjoy higher performance with Matrix 320 snappy reactivity and its outstanding Depth of Field (DOF).

Matrix 320 provides the highest market application flexibility with a modular design, a reduced number of models complemented by a complete portfolio of lenses, lightings, filters, and accessories.

The Premium platform is designed for superior performance, thanks to a new quad-core image processing platform that can double the processing power and halve the decoding time compared to the standard version. The main customer benefits of this increased computing power translate into increased throughput, and efficiency, as well as faster handling during multi-recipe mode. The Matrix 320 Premium can capture and process twice as many images as the standard version in a given time period.

Embedded electronic focus for the Liquid Lens models dramatically reduces installation time and allows easy reconfiguration improving production flexibility in line with Industry 4.0 requirements. Matrix 320 is very easy to install with its improved integrated aiming system, X-Press button HMI and DL.Code software powered by easy and intuitive autolearning/autosetup features.

C-Mount assembly modular design provides the highest flexibility in the selection and in the combination of the parts reducing the feasibility time and cost, helping system integrators to find effective powerful solutions for vertical applications in any industrial environment to grow the business opportunities.

Full industrial connectivity, overall compactness, rotating connectors and a top industrial grade make Matrix 320 extremely easy to fit into every industrial environment. New configurable 360-degree multicolor read-feedback and Green /Red Spot technology provide an outstanding visual feedback. Performance Analysis is also simplified by a new web interface to monitor the reader with a complete suite of diagnostics that leverages a new generation of FTP image saving. The new web Device Discovery simplifies the access and monitoring of all the readers in the network.

Matrix 320 2MP models compliment the current Matrix family of Matrix 120 and Matrix 220, once again establishing Datalogic leadership in Stationary Industrial Scanners.

HIGHLIGHTS

- Innovative 2MP sensor (1920 × 1080 pixels with 16:9 form factor) performs outstanding Depth of Field (DOF) and Horizontal Field of View (FOV_H)
- Smart configurable lighting solutions allowing 3 color options in two formats
- Electronic focus adjustment
- · C-Mount models for maximum optical configurability and high intrinsic DOF
- · Covers and filters accessories for easy stock management
- New Generation FTP Image saving
- · Full industrial connectivity
- New web Device Discovery to quickly access all the readers in the network
- New configurable 360 degree multicolor visual feedback
- Top Industrial grade

APPLICATIONS

Manufacturing

Automotive, Food & Beverage, Pharmaceutical, Electronics, General Manufacturing

- · Direct Part Marking Reading
- Component and Part Traceability
- Wip Traceability (Automatic)
- · Print & Apply
- Secondary Packaging Traceability
- · End of Line Traceability

Manufacturing, Transportation and Logistics, Retail

Intralogistics Automation, Automated Warehouse, Distribution Center

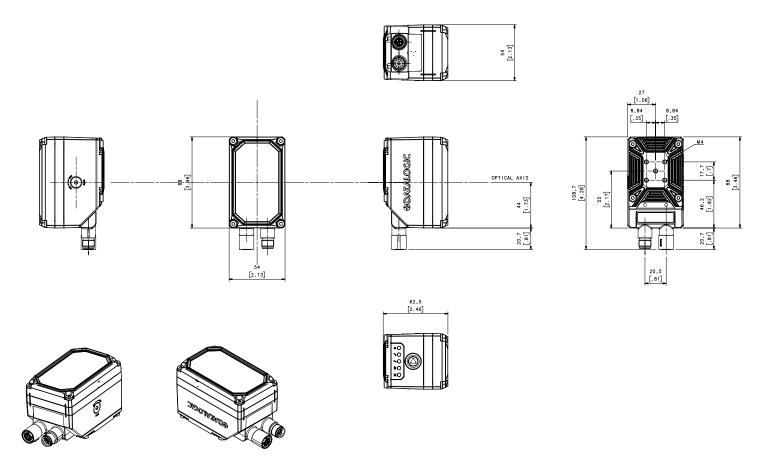
- Inbound, Pallet Picking (Fork Lift)
- Print & Apply verification (Re-labelling)
- Depalletizing, Part Traceability
- Order Fulfillment (Automatic, Manual)
- · Palletizing (Automatic, Manual), Cage Preparation
- Pallet Traceability, Pallet Wrapping
- Retrieval for outbound (Forklift)
- Reverse Logistics

TECHNICAL DATA

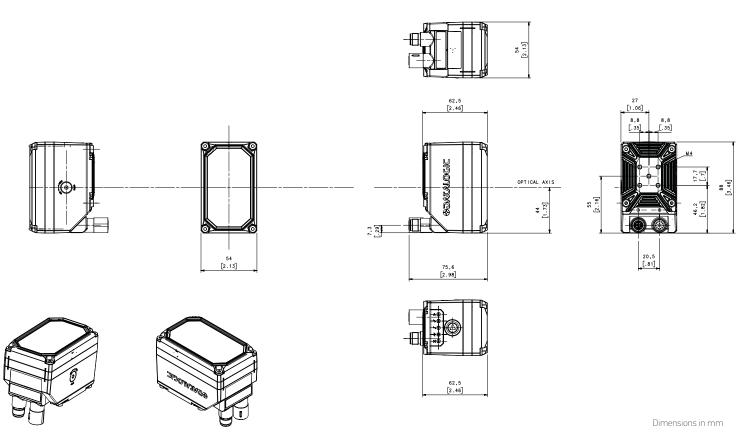
	14 Led Illuminator Model 36 Led Illuminator Model				
Sensor	Image resolution 2.0 MP (1920 x 1080) 16:9 form factor - 1/3" CMOS global shutter				
Frame Rate	60 fram	es/s			
LIQUID LENS MODELS					
Reading Range	6mm: Minimum: 50 - Maximum: 550 mm 9mm: Minimum: 35 - Maximum: 1000 mm 16mm: Minimum: 70 - Maximum: 1500 mm				
Optical Models (Viewing Angles)	Liquid Lens 9mm (34°), Liquid Lens 16 mm (20°)				
Optical Focus Control	Electronic focus control				
Illumination	Internal illuminators colors: Blue, Red, White lights (only for Liquid Lens 9 mm and 16 mm) Internal illuminator power: High Power 14 LEDs Internal illuminator power: Very High Power 36 LEDs				
C-MOUNT MODELS					
Optical Models (Viewing Angles)	C-Mount Lens 4 mm (68°), 6 mm (48°), 8 mm (37°), 12 mm (25°), 16 mm (19°), 25 mm (12°), 35 mm (9°)				
Optical Focus Control	Manual focus adjustment				
Illumination	Internal illuminators colors: Blue, White, IR, UV				
illumination	Not available Internal illuminators power: Very High Power 3				
Polarizing Filter	Available as front of	over accessory			
Code Quality Metrics	1D CQ Standard: 2D CQ Standard: ISO/IEC 16022/18004, ISO				
Power Supply	24 VDC ±	10%			
Max Power Consumption	0.42 A, 10 W max	0.62 A, 15 W max.			
Protection Class EN60529	IP65 and	IP67			
CPU	Standard models: 4 cores @ 900 MHz - P	remium models: 4 cores @ 1600 MHz			
Operating Temperature	Liquid lens models: -0 to 45 °C /32 to 113 °F C-MOUNT models: -10 to 50 °C / 14 to 122 °F Part Number listed with (*) in the models table: 0 to 50 °C / 32 to 122 °F				
Storage Temperature	-20 to 70 °C / -	-4 to 158 °F			
Case Material	Aluminium case and plastic	protective window cover			
Dimensions	H 108.7 x W 54 x L 55.5 mm / 4.3 x 2.1 x 2.2 in, Connector at 0° H 88 x W 54 x L 75.6 mm / 4.3 x 2.1 x 2.2 in, Connector at 90°	H 115.5 x W 126 x L 70.3 mm / 4.6 x 4.9 x 2.8 in, Connector at H 101 x W 126 x L 90.7 mm / 4.6 x 4.9 x 2.8 in, Connector at 9			
	Liquid lens 14 LED illuminator: 380 gr / 13.4 oz	Liquid lens 36 LED illuminator: 650 gr / 22.9 oz			
Weight		C-MOUNT 36 LED illuminator: reader body 300 gr / 10.6 oz illuminator adapter 300 gr / 10.6 oz illuminator 300 gr / 10.6 oz			
Sulfur Gas Resistance	Available for all models accor	ding to ISO EN 60068-2-43			
ESD Safe	Available as front cover accessory	Not Available			
YAG Laser Protection	Available as filter accessory (c	compatible with ESD cover)			
Flexible Cables	Available as accessories				
Embedded Communication Interfaces	- Ethernet 10/100/1000 Mbit/s: TCP/IP, UDP, FTP, SFTP and Fieldbus PR0FINET IO, Ethernet IP, Modbus TCP - Serial RS-232/RS-422FD up to 115.2 Kbit/s + Serial Aux RS-232 up to 115.2 Kbit/s - OPC UA				
Reader Networking	Datalogic II				
Connectivity Modes	Pass Through, Master/Slave	· · · · · · · · · · · · · · · · · · ·			
Digital Inputs	2 inputs opto-coupled and polarity insensitive Max. Voltage 30 VDC Max. Input Current 10 mA				
Digital Outputs	3 Outputs: configurable NPN, PNP and PP short-circuit protected VOUT (ILOAD = 0 mA) max. 24 VDC VOUT (ILOAD = 100 mA) max. 3 VDC ILOAD max. 100 mA Using CBX connection box the first 2 outputs are opto-coupled				
Aiming System	Laser cross red pr	ojection aiming			
User Interface	Laser cross red projection aiming Configurable 360° multicolor visual feedback Green Spot and Red Spot LEDs X-PRESS™ Human Machine Interface Beeper, X-PRESS™ Push Button, 7 LEDs (Status, Communication , Trigger, Good-read, Ready, Power on, Network) Web Monitoring Interface				
Device Programming	DL.CODE™ Windows-based software (programming via Ethe Serial Host Mode X-PRESS™ Human I	programming			
Warranty	2-Year Factor	y Warranty			

DIMENSIONS

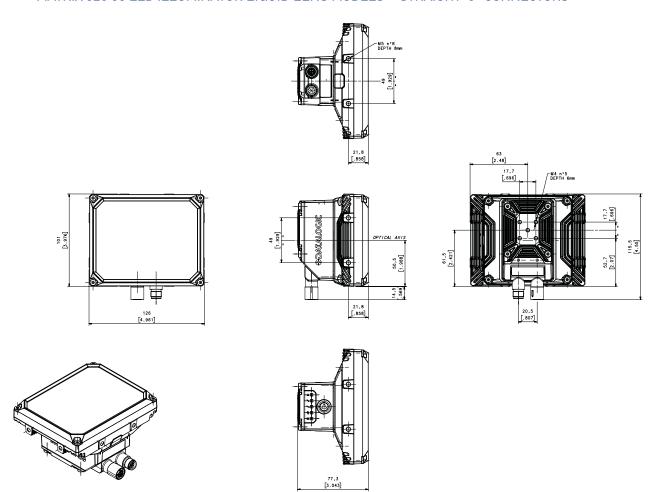
MATRIX 320 14 LED ILLUMINATOR LIQUID LENS MODELS - STRAIGHT 0° CONNECTORS



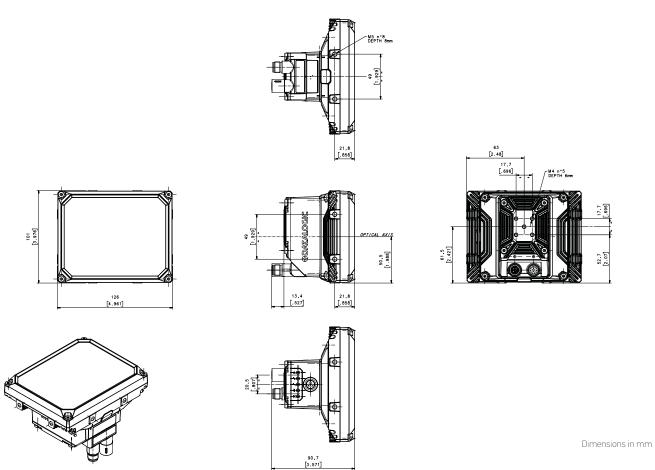
MATRIX 320 14 LED ILLUMINATOR LIQUID LENS MODELS - 90° CONNECTORS



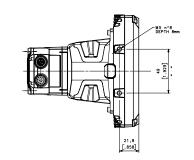
MATRIX 320 36 LED ILLUMINATOR LIQUID LENS MODELS - STRAIGHT 0° CONNECTORS

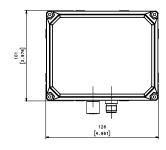


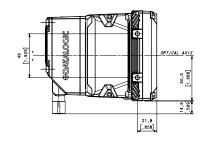
MATRIX 320 36 LED ILLUMINATOR LIQUID LENS MODELS - 90° CONNECTORS

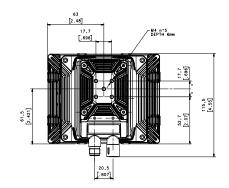


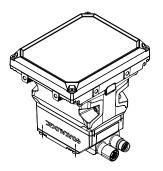
MATRIX 320 C-MOUNT FULL PRODUCT - STRAIGHT 0° CONNECTORS

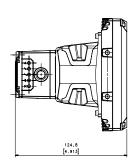




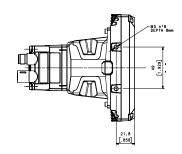


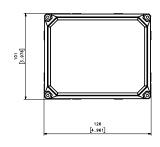


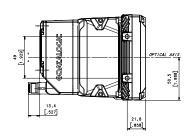


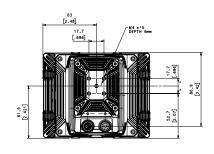


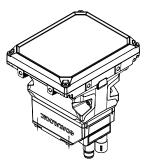
MATRIX 320 C-MOUNT FULL PRODUCT - 90° CONNECTORS

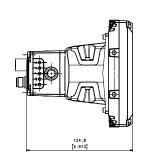




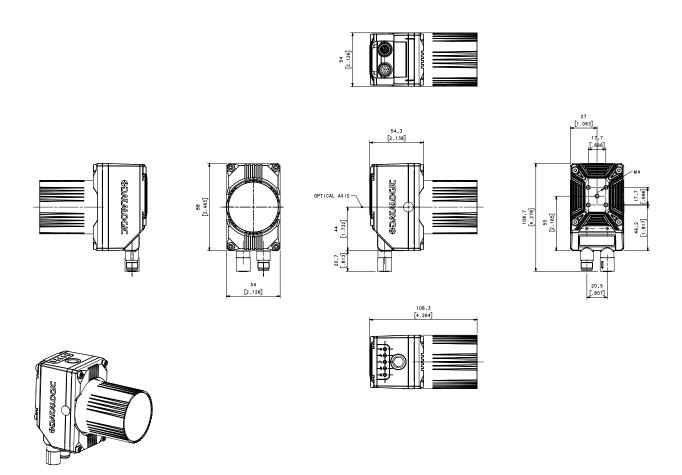




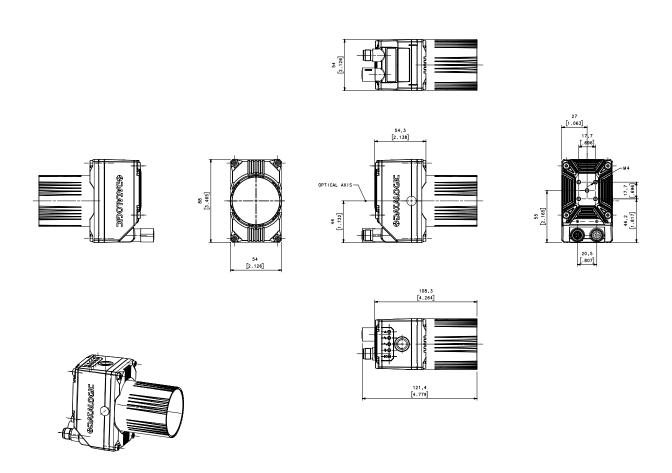




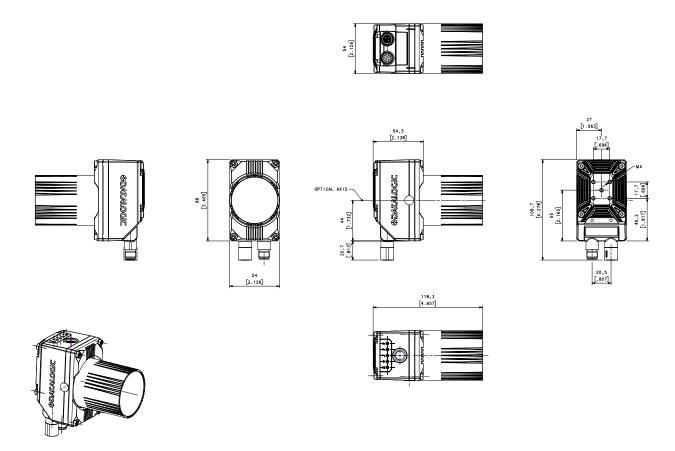
MATRIX 320 C-MOUNT READER and COVER LENS SHORT - STRAIGHT 0° CONNECTORS



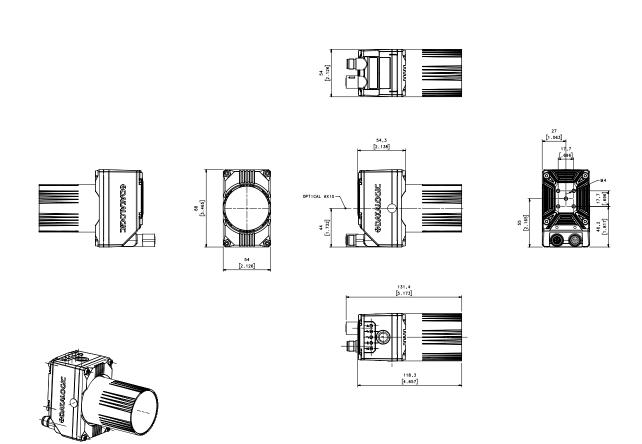
MATRIX 320 C-MOUNT READER and COVER LENS SHORT - 90° CONNECTORS



MATRIX 320 C-MOUNT READER and COVER LENS LONG - STRAIGHT 0° CONNECTORS



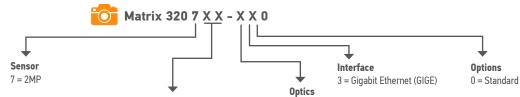
MATRIX 320 C-MOUNT READER and COVER LENS LONG - 90° CONNECTORS



MODELS

			OF	MP LIQUID L	LS	ILLUMINA	ATOR POWER	ILLUM	INATOR LIG	HT COLOR
P/N	DESCRIPTION	PREMIUM	Liquid Lens 6 mm	Liquid Lens 9 mm	Liquid Lens 16 mm	14 LED High Power	36 LED Very High Power	BLUE	RED	WHITE
938100017 938100053	Matrix 320 701-230 LL6 14L 60D RED Matrix 320 701-230 LL6 14L 60D RED X		Х			Х			х	
938100019 938100055 938100020	Matrix 320 703-230 LL6 14L 60D BLU Matrix 320 703-230 LL6 14L 60D BLU X Matrix 320 705-330 LL9 14L 45D RED		Х			Х		Х		
938100026 938100056 938100084	Matrix 320 705-330 LL9 14L 45D RED X Matrix 320 705-330 LL9 14L 45D RED X Matrix 320 705-330 LL9 14L 45D RED XP	X		х		х			х	
938100021 938100057	Matrix 320 706-330 LL9 14L 45D WHT Matrix 320 706-330 LL9 14L 45D WHT X			х		х				х
938100085 938100022	Matrix 320 706-330 LL9 14L 45D WHT XP Matrix 320 707-330 LL9 14L 45D BLU	Х		X		X		X		
938100058 938100023	Matrix 320 707-330 LL9 14L 45D BLU X Matrix 320 709-430 LL16 14L 25D RED			^	X	x		^	X	
938100059 938100024 938100060	Matrix 320 709-430 LL16 14L 25D RED X Matrix 320 710-430 LL16 14L 25D WHT Matrix 320 710-430 LL16 14L 25D WHT X				X	X				Х
938100025 938100061	Matrix 320 711-430 LL16 14L 25D BLU Matrix 320 711-430 LL16 14L 25D BLU X				X	x		Х		
938100086 938100026	Matrix 320 711-430 LL16 14L 25D BLU XP Matrix 320 717-230 LL6 36L 60D RED	Х	X		Х	X	X		X	
938100062 938100028 938100064	Matrix 320 717-230 LL6 36L 60D RED X Matrix 320 719-230 LL6 36L 60D BLU		x		^	^	X	X	^	
938100064 938100029 938100065	Matrix 320 719-230 LL6 36L 60D BLU X Matrix 320 721-330 LL9 36L 45D RED Matrix 320 721-330 LL9 36L 45D RED X			X			Х		Х	
938100030 938100066	Matrix 320 721-330 LL7 36L 45D WHT Matrix 320 722-330 LL9 36L 45D WHT Matrix 320 722-330 LL9 36L 45D WHT X			X			Х			x
938100087 938100031	Matrix 320 722-330 LL9 36L 45D WHT XP Matrix 320 723-330 LL9 36L 45D BLU	Х		X			X	X		
938100067 938100032	Matrix 320 723-330 LL9 36L 45D BLU X Matrix 320 725-430 LL16 36L 25D RED			^	X		X	^	Х	
938100068 938100033 938100069	Matrix 320 725-430 LL16 36L 25D RED X Matrix 320 726-430 LL16 36L 25D WHT Matrix 320 726-430 LL16 36L 25D WHT X				X		X			х
938100034 938100070	Matrix 320 727-430 LL16 36L 25D BLU Matrix 320 727-430 LL16 36L 25D BLU X				х		Х	х		
P/N	DESCRIPTION	N	MATRIX 320	2MP C-MOU	NT MODELS					
938100035 938100071 (*)	Matrix 320 700-030 CM 2MP 1/3 Matrix 320 700-030 CM 2MP 1/3" X					Matrix 320 2	MP reader body MP reader body			
93ACC0281	Adapter LT to CM M320						R to Matrix 320 re NT LENSES	ader body		
P/N	DESCRIPTION		Focal len	ght (mm)	Max Sensor Format	Aperture (f/#)	Min working dis from lens			distance (mr lens front
93ACC0285 93ACC0286	LNM 000-021 CM 4MM VF1.8 1/2" ED LNM 001-031 CM 6MM VF1.85 1/2" ED			6	1/2"	f/1.8-f/11 f/1.85-f/11	0 50			∞ ∞
93ACC0287 93ACC0288	LNM 003-021 CM 8MM VF1.8 1/2" ED LNM 005 021 CM 12MM VF1.8 1/1.8" ED		1	8	1/2"	f/1.8-f/11 f/1.8-f/11	50 100			∞ ∞
93ACC0289 93ACC0290 93ACC0292	LNM 007-021 CM 16MM VF1.8 1/1.8" ED LNM 009-031 CM 25MM VF1.85 1/1.8" ED LNM 030-011 CM 35MM VF1.85 1/1.8" ED		2	6 25 35	1/2" 1/2" 1/2"	f/1.8-f/11 f/1.85-f/16 f/1.85-f/16	200 200 200			∞ ∞
P/N	DESCRIPTION				ATOR KIT (inc	cludes illumin	ator, standard co		, bracket) Illuminator	Mounting
93ACC0391	KIT LTM 002-001 S36L 120D WHT white NL		Very Hig	jh Power x	RED	BLU WHT	IR UV	Aiming	adapter	bracket
93ACC0356 93ACC0357	KIT LTM 002-601 S36L 60D WHT white KIT LTM 002-451 S36L 45D WHT white			X X		X		cross	-	
93ACC0392 93ACC0394 93ACC0395	KIT LTM 222-451 SA36L 45D WHT white KIT LTM 002-351 S36L 35D WHT white KIT LTM 002-151 S36L 15D WHT white			X X X		X X X		grid cross cross	-	
93ACC0396 93ACC0397	KIT LTM 002-131 336E 13D WITH WINE KIT LTM 002-000 S36L 120D RED 625nm NL KIT LTM 002-600 S36L 60D RED 625nm			X X	X X	^		cross		
93ACC0398 93ACC0399	KIT LTM 002-450 S36L 45D RED 625nm KIT LTM 002-350 S36L 35D RED 625nm			X X	X			cross	93ACC0281 incuded	93ACC0283
93ACC0400 93ACC0358	KIT LTM 002-150 S36L 15D RED 625nm KIT LTM 002-002 S36L 120D BLU 475nm NL			X X	X	X		cross	in the illuminator	incuded in th
93ACC0359									KIT	
93ACC0360	KIT LTM 002-602 S36L 60D BLU 475nm KIT LTM 002-452 S36L 45D BLU 475nm			X X		X		cross	KII	
93ACC0361 93ACC0362	KIT LTM 002-452 S36L 45D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-152 S36L 15D BLU 475nm					Х			KII	
93ACC0361 93ACC0362 93ACC0401 93ACC0363	KIT LTM 002-452 S36L 45D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-152 S36L 15D BLU 475nm KIT LTM 002-003 S36L 90D IR 850nm NL KIT LTM 002-453 S36L 45D IR 850nm			X X X X		X X X	X	cross cross cross cross cross	KII	
93ACC0361 93ACC0362 93ACC0401 93ACC0363 93ACC0402 93ACC0403	KIT LTM 002-452 S36L 45D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-152 S36L 15D BLU 475nm KIT LTM 002-003 S36L 90D IR 850nm NL KIT LTM 002-453 S36L 45D IR 850nm KIT LTM 002-353 S36L 35D IR 850nm KIT LTM 002-253 S36L 25D IR 850nm			X X X X X X		X X X	X X X	cross cross cross cross cross cross	KII	
93ACC0361 93ACC0362 93ACC0401 93ACC0363 93ACC0402 93ACC0403 93ACC0364	KIT LTM 002-452 S36L 45D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-152 S36L 15D BLU 475nm KIT LTM 002-03 S36L 90D IR 850nm NL KIT LTM 002-453 S36L 45D IR 850nm KIT LTM 002-353 S36L 35D IR 850nm KIT LTM 002-253 S36L 25D IR 850nm KIT LTM 002-253 S36L 25D IR 850nm KIT LTM 002-264 S36L 130D UV 365nm NL			X X X X X X X		X X X X	x x x x ludes standard o	cross cross cross cross cross cross cross cross		Vaustina
93ACC0361 93ACC0362 93ACC0401 93ACC0363 93ACC0402 93ACC0403 93ACC0364 P/N	KIT LTM 002-452 S36L 45D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-352 S36L 15D BLU 475nm KIT LTM 002-152 S36L 15D BLU 475nm KIT LTM 002-003 S36L 90D IR 850nm NL KIT LTM 002-453 S36L 45D IR 850nm KIT LTM 002-53 S36L 50D IR 850nm KIT LTM 002-253 S36L 25D IR 850nm KIT LTM 002-004 S36L 130D UV 365nm NL DESCRIPTION		36 Very Hig	x x x x x x x x x x	ILLU ! RED	X X X X MINATOR (inc	X X X	cross	Illuminator adapter	Mounting bracket
93ACC0361 93ACC0362 93ACC0401 93ACC0401 93ACC0402 93ACC0403 93ACC0364 P/N 93ACC0294 93ACC0298	KIT LTM 002-452 S36L 45D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-152 S36L 15D BLU 475nm KIT LTM 002-03 S36L 90D IR 850nm NL KIT LTM 002-453 S36L 45D IR 850nm KIT LTM 002-353 S36L 35D IR 850nm KIT LTM 002-253 S36L 25D IR 850nm KIT LTM 002-253 S36L 25D IR 850nm KIT LTM 002-264 S36L 130D UV 365nm NL		36 Very Hig	x x x x x x x x x x x x x x		X X X X X X X X X X X X X X X X X X X	x x x x ludes standard o	cross cross cross cross cross cross cross cross	Illuminator	
93ACC0361 93ACC0362 93ACC0401 93ACC0401 93ACC0402 93ACC0403 93ACC0364 P/N 93ACC0294 93ACC0298	KIT LTM 002-452 S36L 45D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-352 S36L 35D BLU 475nm KIT LTM 002-003 S36L 90D IR 850nm NL KIT LTM 002-853 S36L 45D IR 850nm KIT LTM 002-253 S36L 35D IR 850nm KIT LTM 002-253 S36L 35D IR 850nm KIT LTM 002-253 S36L 25D IR 850nm KIT LTM 002-653 S36L 130D UV 365nm NL DESCRIPTION LTM 002-001 S36L 120D WHT white NL LTM 002-601 S36L 60D WHT white		36 Very Hig	x x x x x x x x t x t t t t t t t t t t		X X X X MINATOR (inc	x x x x ludes standard o	cross	Illuminator	
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LIQUID LENS MODELS



Internal Illuminators

01 = 14 LED TIR Lens Aperture 60 Degree Red Light 03 = 14 LED TIR Lens Aperture 60 Degree Blue Light 05 = 14 LED TIR Lens Aperture 45 Degree Red Light 06 = 14 LED TIR Lens Aperture 45 Degree White Light 07 = 14 LED TIR Lens Aperture 45 Degree Blue Light 09 = 14 LED TIR Lens Aperture 25 Degree Red Light 10 = 14 LED TIR Lens Aperture 25 Degree White Light 11 = 14 LED TIR Lens Aperture 25 Degree Blue Light

17 = 36 LED TIR Lens Aperture 60 Degree Red Light 19 = 36 LED TIR Lens Aperture 60 Degree Blue Light 21 = 36 LED TIR Lens Aperture 45 Degree Red Light 22 = 36 LED TIR Lens Aperture 45 Degree White Light 23 = 36 LED TIR Lens Aperture 45 Degree Blue Light 25 = 36 LED TIR Lens Aperture 25 Degree Red Light

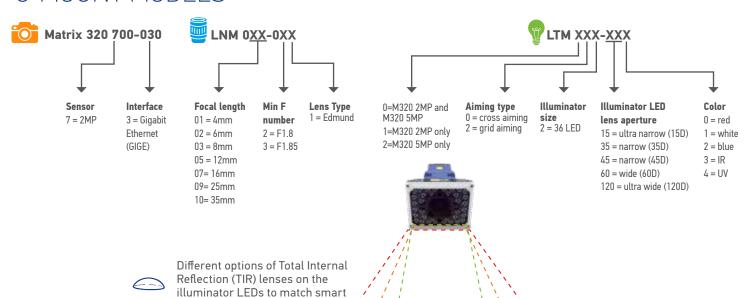
26 = 36 LED TIR Lens Aperture 25 Degree White Light 27 = 36 LED TIR Lens Aperture 25 Degree Blue Light

2 = 6 mm electronic focus (liquid lens)

3 = 9mm electronic focus control (liquid lens)

4 = 16mm electronic focus control (liquid lens)

C-MOUNT MODELS



14 LED ILLUMINATOR MODELS AND LED CHAIN CONFIGURATION			
Lights ON	LEDs COLOR		
All Chains	White, Red, Blue		
Central Chain	White, Red, Blue		
Top/Bottom Chain	White, Red, Blue		

camera lens aperture



36 LED ILLUMINATOR MODELS AND LED CHAIN CONFIGURATION			
Lights ON	LEDs COLOR		
All Chains	White, Red, Blue		
Top Left	White, Red, Blue		
Top right	White, Red, Blue		
Bottom left	White, Red, Blue		
Bottom right	White, Red, Blue		
Left	White, Red, Blue		
Right	White, Red, Blue		
Any combination of the above chain options	White, Red, Blue		

|--|

Illuminator Power LEDs COLOR			
Ittulililator Fower			
14 LED	White, Red, Blue		
36 LED	White, Red, Blue		

360 DEGREE VISUAL FEEDBACK DEFAULT Color			
Default configuration	LEDs COLOR		
Good Read	Green		
No Read	Red		
Configuration	Blue		

















ACCESSORIES

CATEGORY	PART NUMBER	DESCRIPTION
	93A050058	M12-IP67 Cable To CBX or QL (1M)
	93A050059	M12-IP67 Cable To CBX or QL (3M)
	93A050060	M12-IP67 Cable To CBX or QL (5M)
	93A051390	M12-IP67 Cable To CBX or QL (10M)
	93A050116	M12-IP67 17p Flexible Cable To CBX or QL (1M)*
	93A050117	M12-IP67 17p Flexible Cable To CBX or QL (3M)*
	93A050118	M12-IP67 17p Flexible Cable To CBX or QL (5M)*
	93A050122	M12-IP67 GIGA Ethernet Cable X-Coded (1M)
	93A050123	M12-IP67 GIGA Ethernet Cable X-Coded (3M)
CARLE	93A050124	M12-IP67 GIGA Ethernet Cable X-Coded (5M)
CABLE	93A050140	M12-IP67 GIGA Ethernet Cable X-Coded (10M)
	93A050125	M12-IP67 GIGA Ethernet Flexible Cable X-Coded (1M)*
	93A050126	M12-IP67 GIGA Ethernet Flexible Cable X-Coded (3M)*
	93A050127	M12-IP67 GIGA Ethernet Flexible Cable X-Coded (5M)*
	93A050129	Adapter Cable GIGA Ethernet X-Coded to Ethernet D-Coded
	93ACC0268	Serial RS232 HID E Keybrd Converter Cbl
	93A050141	Adapter Cable FULL GIGA Ethernet X-Coded M12 to RJ45
	93A050076	CAB-GD03 M12 F/L 3M
	93A050077	CAB-GD05 M12 F/L 5M
	93A050078	CAB-GD10 M12 F/L 10M
	93ACC0271	Cover STD LT 14L M320/P2
	93ACC0272	Cover STD LT 36L M320/P2
	93ACC0273	Cover Polarizer LT 14L M320/P2
COVER	93ACC0274	Cover Polarizer LT 36L M320/P2
	93ACC0278	Cover ESD LT 14L M320/P2
	93ACC0279	Cover Lens and CM Base Short
	93ACC0280	Cover Lens and CM Base Long
	93ACC0275	Filter Half Polarizer LT 14L M320/P2
	95A900016	Filter BLU Bandpass 475nm LT 14L M320/P2
	95A900015	Filter RED Bandpass 625nm LT 14L M320/P2
	95A900017	Filter IR Bandpass 850nm LT 14L M320/P2
	95A900039	Filter UV Cut Longpass 415 LT 14L M320/P2
FILTER	95A900020	Filter BLU Bandpass 475nm LT 36L M320/P2
	95A900019	Filter RED Bandpass 625nm LT 36L M320/P2
	95A900021	Filter IR Bandpass 850nm LT 36L M320/P2
	95A900040	Filter UV Cut Longpass415 LT 36L M320/P2
	95A900018	Filter YAG Cut LT 14L M320/P2
	95A900022	Filter YAG Cut LT 36L M320/P2
BRACKET	93ACC0282	BK-32-000 STD FIX BRACKET M320/P2 BODY
DIVACIVET	93ACC0283	BK-32-010 PIVOT FIX BRACKET M320/P2 BODY









DS-MATRIX320-2MP-EN Rev H 20230615

^{*} Suitable for robotic arms applications