MATRIX 320™ 5MP

COLONIA STATE

The next step beyond intralogistics traceability



Matrix 320 5MP image based code reader has been designed to EMPOWER INTRALOGISTICS TRACEABILITY applications providing benefits for End Users and Machine Builders. Matrix 320 5MP brilliantly solves traceability applications in Intralogistics, Distribution, 3PL, Retail, logistics and in the Shop Floor and Factory Automation.

Matrix 320 5MP offers a COMPLETE SOLUTION and TOP PERFORMANCE to achieve higher productivity at the best price/performance ratio. Matrix 320 5MP has excellent reading performance with a powerful smart configurable lighting system allowing 2 color options (blue, white) and 2 power options (Very and Ultra High Power) able to solve extremely challenging traceability applications.

To boost productivity in Intralogistics and Logistics segments, hands-free operations enjoy higher performance with Matrix 320 5MP snappy reactivity because of its outstanding Depth of Field (DOF), a new grid pattern aiming system, a new embedded distance sensor for the best user experience and reading throughput.

Matrix 320 5MP modular design with a complete portfolio of lenses, lightings, filters, and accessories provides the highest market application 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.

Matrix 320 5MP is very easy to install with its new embedded orientation sensor, the new fast replacing bracket, the smart adapter that allows live focus and iris calibration without exposing the inside product to harsh environmental condition, the improved integrated aiming system, the embedX-Press button HMI and DL.Code software powered by an intuitive autolearning/autosetup features.

Full industrial connectivity, overall compactness, rotating connectors, a top industrial grade make Matrix 320 5MP 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 fast FTP image saving. The new web Device Discovery simplifies the access and monitoring of all the readers in the network.

Matrix 320 5MP models together with Matrix 320 2MP, compliment the current Matrix family of Matrix 120 and Matrix 220, once again establishing Datalogic leadership in Stationary Industrial Scanners.

HIGHLIGHTS

- C-Mount models for maximum optical configurability and high intrinsic DOF
- Standard VHP (Very High Power) and new UHP (Ultra High Power) lightings for challenging applications
- Covers and filters for special applications provided as accessories for easy stock management
- Packtrack capability to minimize the gap between objects and increase system productivity
- \bullet New embedded orientation sensor and smart aiming systems for easy installation
- Grid pattern aiming system and embedded distance sensor to improve throughput in presentation applications
- Web monitoring and fast image saving at Gigabit Ethernet speed for complete performance diagnostics
- Configurable 360 degree visual feedback for enhanced operator experience
- Full industrial connectivity and Top Industrial Grade for easy and safe integration

APPLICATIONS

Intralogistics, Logistic, E-Commerce - Retail Logistic Automation

- Inbound / Outbound Pallet Picking (Fork Lift)
- Print & Apply verification (Re-labelling)
- Order Fulfillment (Automatic/Manual) and Order Verification
- Tote verification
- · Apparel and Small Items traceability
- Depalletizing, Palletizing, Cage Preparation
- · Pallet Traceability / Pallet Wrapping
- Reverse Logistic

Manufacturing

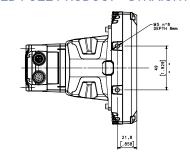
- · Automotive Work in Progress (WIP) and Traceability
- Component / Part Traceability
- Secondary Packaging Traceability (bundling)
- · End of Line Traceability

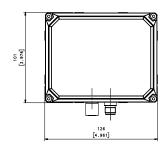
TECHNICAL DATA

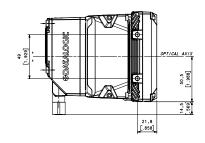
	Very High Power VHP 36 Led Illuminator Model	Ultra High Power UHP 72 Led Illuminator Mode				
Sensor	Sensor Image resolution 5.0 Mpixel (2560 × 1936) - 1/1.8" CMOS global shutter					
Frame Rate	25 frames/s					
Optical models (Viewing angles)	C-Mount Lens 8mm (50°), 12mm (34°), 16mm (25°), 25mm (16°), 35mm (12°), 50mm (8°)					
Optical Focus Control	Manual focus adjustment					
Illumination	Internal illuminators colors: Blue, White, IR, UV	Internal illuminators colors: Blue, White				
Polarizing filter	Available as front (cover accessory				
Code Quality Metrics	1D CQ Standard: ISO/IEC 15416 2D CQ Standard: ISO/IEC 16022/18004, ISO/IEC 29158 (AIM-DPM), ISO/IEC 15415					
Power Supply	24 Vdc ± 10%					
Max Power Consumption	0.85 A, 20,5 W max.	1.30 A, 31 W max.				
Protection Class EN60529	IP65 and	d IP67				
Operating Temperature	-10 to 50°C (14 to 122 °F)					
Storage Temperature	-20 to 70 °C (-	4 to 158 °F)				
Case Material	Aluminium case and plastic protective window cover					
Dimensions	H 115.5 x W 126 x L 124.8 mm (4.6 x 4.9 x 4.91 in) Connector at 0° H 101 x W 126 x L 138.2 mm (4.6 x 4.9 x 5.44 in) Connector at 90°	H 145 x W 181 x L 121.5 mm (5.7 x 7.1 x 4.8 in) Connector at 0 H 145 x W 181 x L 142 mm (5.7 x 7.1 x 5.9 in) Connector at 90				
Weight	reader body 300 gr (10.6 oz) illuminator adapter 300 gr (10.6 oz) illuminator 300 gr (10.6 oz)	reader body 300 gr (10.6 oz) illuminator adapter 300 gr (10.6 oz) 850 gr (29.9 oz)				
Sulfur gas resistance	Available for all models according to ISO EN 60068-2-43					
YAG Laser Protection	Available as filter accessory	Not available				
Embedded communication interfaces	- Ethernet 10/100/1000 Mbit/s: TCP/IP, UDP, FTP, SFTP and Fieldbus PR0FINET I0, Ethernet IP, Modbus TCP - Serial RS232/RS422FD up to 115.2 Kbit/s + Serial Aux RS232 up to 115.2 Kbit/s - OPC UA					
Reader Networking	Datalogic ID-NET™					
Connectivity Modes	Pass Through, Master/Slave, Ethernet point to point					
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. 100mA Using CBX connection box the first 2 outputs are opto-coupled					
Aiming System	Cross aiming Laser Class II Grid pattern aiming Laser Class I	Dual spot aiming Laser Class II				
Embedded distance sensor	Distance range: 100mm to 2500mm Viewing angle: Horizontal: 18°; Vertical 12°					
Embedded orientation sensor	Measure the device orientation (pitch and roll angles) Can be enabled to generate alarm in case of device orientation change					
User Interface	Configurable 360 degree 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 Ethernet or Serial Interface) with Javascript output formatter Serial Host Mode programming X-PRESS™ Human Machine Interface					
Warranty	2-Year Factor	v Warrantv				

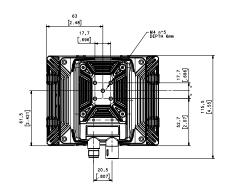
DIMENSIONS

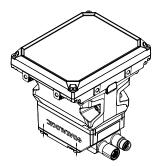
MATRIX 320 C-MOUNT 36 LED FULL PRODUCT - STRAIGHT 0° CONNECTOR

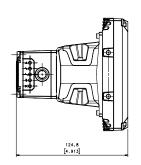




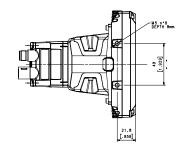


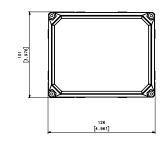


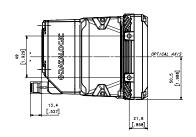


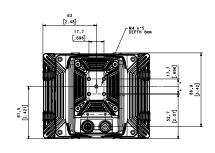


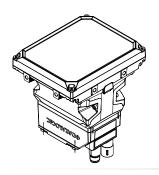
MATRIX 320 C-MOUNT 36 LED FULL PRODUCT - STRAIGHT 90° CONNECTOR

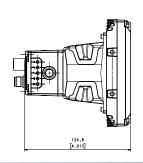




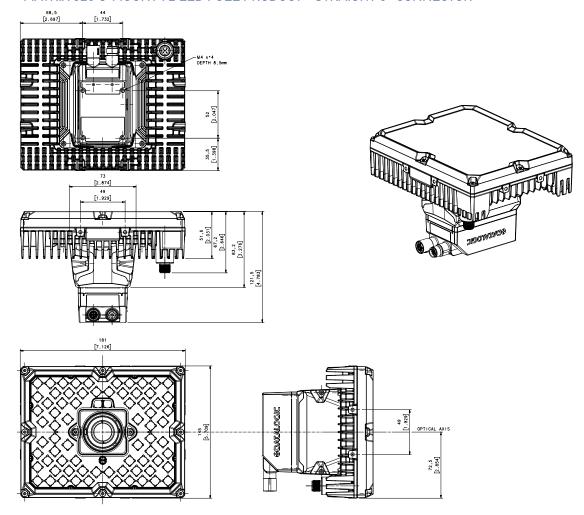




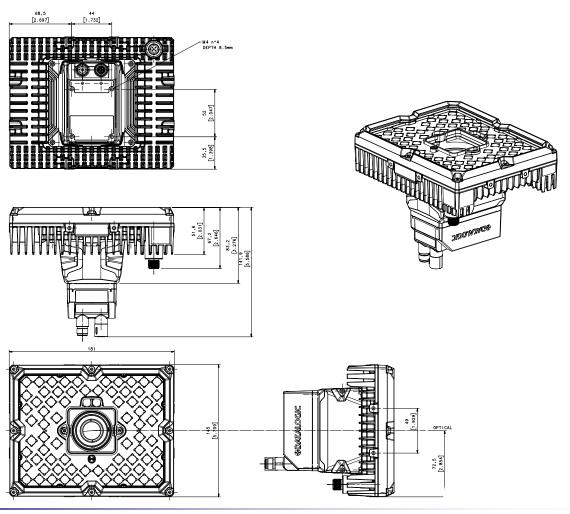


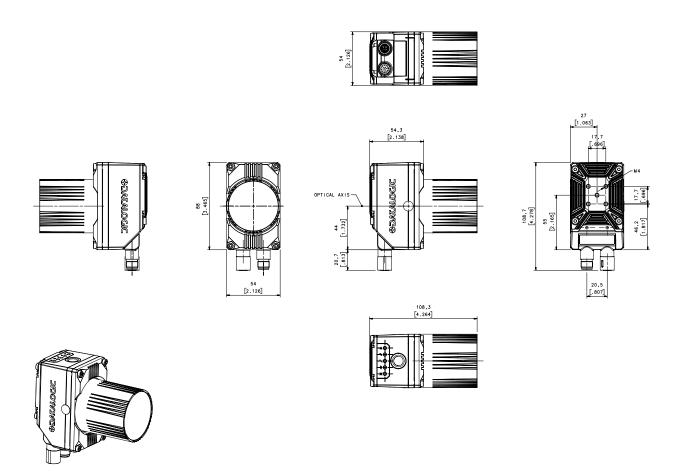


MATRIX 320 C-MOUNT 72 LED FULL PRODUCT - STRAIGHT 0° CONNECTOR

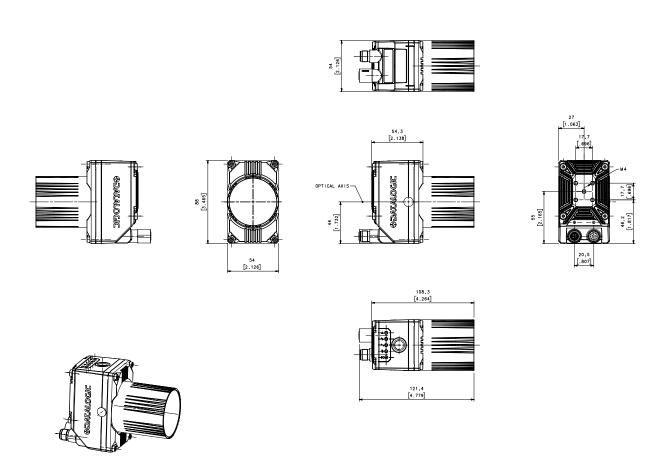


MATRIX 320 C-MOUNT 72 LED FULL PRODUCT - STRAIGHT 90° CONNECTOR

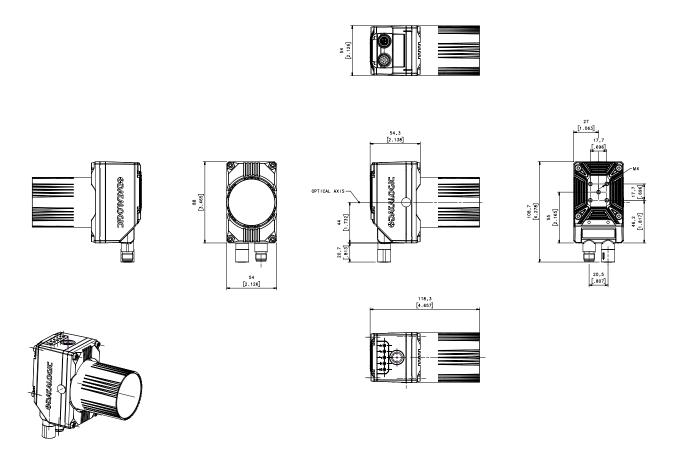




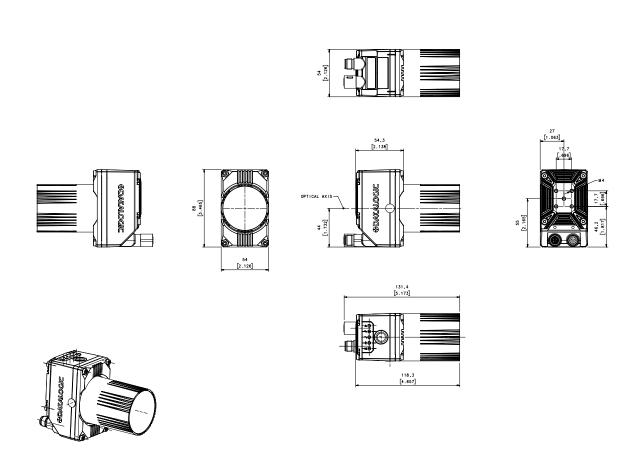
MATRIX 320 C-MOUNT READER and COVER LENS SHORT - 90° CONNECTORS



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



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



MODELS

### Against 12 0.00-0.00 to 5.00-1/2 ### Against 15 0.00-0.00 to 5.00-1/2 ### Against 16 0.00 to 4.00 to 4.00 to 5.00-1/2 ### Against 16 0.00 to 4.00 to 5.00-1/2 ### Against 16 0.00 to 4.00 to 5.00-1/2 ### Against 16 0.00 to 5.00-1/2 ### Against 16 0.00-1/2 ### Against 16 0.00 to 5.00-1/2 ### Against 16 0.00-1/2 ### Against 16 0.00 to 5.00-1/2 ### Against 16 0.00-1/2 ### Against 16 0.00-1/2 ### Against 16 0.00 to 5.00-1/2 ### Against 16 0.00-1/2 ### Against	P/N	DESCRIPTION	MATRIX	320 5MP	С-МО	UNT MOL	DELS					
P(N) DESCRIPTION Focal length: (mm) RED Max Appropriate Appropriate Max Appropriate A	938100041	Matrix 320 800-030 CM 5.0MP 1/2"	x 320 800-030 CM 5.0MP 1/2" Matrix 320 5MP reader body									
### PROCESS LNM 005-201 CM SAM MFT 8 107 ED 12	C-MOUNT LENSES						uy					
### CPACCOSES** LNN 000 SCI CH 12MM VPF 21 / 18 ED 12	P/N	DESCRIPTION			RED	Sensor		di	stance	e (mm)		
1/1.8												
17.65 17.6												
PIN DESCRIPTION Province	73ACC0290	LNM 009-031 CM 25MM VF1.85 1/1.8" ED	2	25		1/1.8"	f/1.85-f/16		20	0	∞	
NELDURS LUMINATOR, STANDARD COVER, DAPTER, BRACKET STANDARD COVER, D						2/3"						
## Prover				INCLUDE	S ILL		OR, STANE	DARD			TER, BRACKE	Γ
### ### ### ### ### ### ### ### ### ##	P/N	DESCRIPTION	Very High	Ultra High	RED	BLU	WHT	IR	UV	Aiming		Mounting Bracket
ACCCURATE ACCCURATE ACCURATE ACCURAT			Х									
ACCC1976 KIT LTM 002-260 SA40, 450 WHT white x												
AACCC299 KTLTM 002-901 S364, 120 MHz white x	3ACC0393	KIT LTM 522-451 SA36L 45D WHT white	Х				Х			grid		
AACCC397 KIT LTM 002-000 S361, 1200 PED 625mm NL												
AACC0399 KIT LTM 002-40 S344, 450 RED 625mm x	3ACC0396	KIT LTM 002-000 S36L 120D RED 625nm NL	Х				^			cross		
AACCO399 KIT LIM 002-390 S361 350 RED 625mm x												93ACC028
AACC0369 KIT LIM 002-002 S361, 20D BLU 475mm NL	3ACC0399	KIT LTM 002-350 S36L 35D RED 625nm	Х		Х					cross		included
3ACC0239 KIT LM 002-202 S364. 460 B LU 475mm x x x cross 93ACC0239 ACC0340 KIT LM 002-252 S364. 450 B LU 475mm x x x cross ACC0340 KIT LM 002-252 S364. 450 B LU 475mm x x x cross ACC0340 KIT LM 002-203 S364. 450 B LU 475mm x x x cross ACC0340 KIT LM 002-203 S364. 450 B LU 475mm x x x cross ACC0340 KIT LM 002-203 S364. 450 B LU 475mm x x x cross ACC0340 KIT LM 002-203 S364. 450 B LU 475mm x x cross ACC0340 KIT LM 002-203 S364. 450 B R 50mm x x x cross ACC0340 KIT LM 002-203 S364. 550 B LS0 M 50mm x x x cross ACC0340 KIT LM 002-203 S364. 550 B LS0 M 50mm x x x x cross ACC0340 KIT LM 002-203 S364. 550 B LS0 M 50mm x x x x x cross ACC0340 KIT LM 002-203 S364. 550 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 002-203 S364. 550 B LU 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 L50 B UH 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 L50 B LU 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x 2 spot ACC0340 KIT LM 034-15 S72 S72 L50 B LU 475mm x x x x x					X	Y						in the illuminato
AACC034 KIT LIM 002-582 5364, 150 BLU 475mm	3ACC0359	KIT LTM 002-602 S36L 60D BLU 475nm	X			Х				cross		KIT
AACCCQ142 KIT LM 002-05 2536, 150 BLU 475nm												
3ACC0343	3ACC0362	KIT LTM 002-152 S36L 15D BLU 475nm									Illuminator Km	
AACCCA02 KIT LTM 002-363 S364, 150 Pt 850 mm x												
34CC0394	3ACC0402											
3ACC0348 KIT LTM 034-610 S721, 450 WHT white X								Х				
AACC0396			X	X			X		X			93ACC028
3ACC0346 KIT LTM 034-02 572 L50 B LU 475nm	3ACC0369	KIT LTM 034-351 S72L 35D WHT white		Х			Х			2 spot		included
3ACC0366 KIT LTM 034-352 5721, 550 BLU 475nm						Х	X					in the
P/N DESCRIPTION DESCRIPTION 36 LED Very High Power Power 1		KIT LTM 034-352 S72L 35D BLU 475nm		X		Х				2 spot		illuminato KIT
3ACC0294	3ACCU367	KII LIM 034-152 S72L 15D BLO 475nm		X	ILL	UMINATO	DR (INCLUI	DES S	TAND	ARD CO	VER)	1 11 1
3ACC0294 LTM 002-001 S36L 120 DWHT white NL x	P/N	DESCRIPTION	Very High	Ultra High								Mounting Bracket
13ACC0302			Х									
3ACC0329												
AACC0254 LTM 002-151 S36L 15D RHT white x x x x Cross 3ACC0277 LTM 002-600 S36L 600 RED 425nm X x x Cross 3ACC0277 LTM 002-600 S36L 600 RED 425nm X x x Cross 3ACC0301 LTM 002-450 S36L 45D RED 425nm X x x Cross 3ACC03015 LTM 002-350 S36L 35D RED 425nm X x x Cross 3ACC0305 LTM 002-350 S36L 15D RED 425nm X x X Cross 3ACC0305 LTM 002-350 S36L 15D RED 45nm X x X Cross 3ACC0305 LTM 002-350 S36L 15D RED 45nm X X X Cross 3ACC0305 LTM 002-302 S36L 12DD BLU 475nm X X X Cross 3ACC0303 LTM 002-362 S36L 45D BLU 475nm X X X Cross 3ACC0303 LTM 002-362 S36L 45D BLU 475nm X X X Cross 3ACC0303 LTM 002-352 S36L 35D RED 45nm X X X Cross 3ACC0303 LTM 002-352 S36L 35D RED 45nm X X X Cross 3ACC0303 LTM 002-453 S36L 45D RESonm X X X Cross 3ACC0303 LTM 002-453 S36L 45D RESonm X X X Cross 3ACC0304 LTM 002-453 S36L 45D RESonm X X X Cross 3ACC0300 LTM 002-253 S36L 35D RESonm X X X Cross 3ACC0300 LTM 002-253 S36L 35D RESonm X X X Cross 3ACC0304 LTM 002-253 S36L 35D RESonm X X X Cross 3ACC0304 LTM 002-253 S36L 35D RESonm X X X Cross 3ACC0304 LTM 002-353 S36L 35D RESonm X X X Cross 3ACC0304 LTM 002-353 S36L 35D RESonm X X X Cross 3ACC0304 LTM 002-353 S36L 35D RESonm X X X Cross 3ACC0304 LTM 002-353 S36L 35D RESonm X X X Cross 3ACC0304 LTM 002-353 S36L 35D RESonm X X X X Cross 3ACC0304 LTM 002-353 S36L 35D RESonm X X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white X X X 2 Spot 3ACC0330 LTM 034-352 S72L 35D WHT white	3ACC0329	LTM 522-451 SA36L 45D WHT white	X				Х			Grid		
3ACC0293 LTM 002-000 S36L 120D RED 625mm NL												
3ACC0301 LTM 002-450 S361 450 RED 625nm x x x Cross 3ACC0353 LTM 002-150 S361 150 RED 625nm x x x Cross 3ACC0353 LTM 002-150 S361 150 RED 625nm x x x Cross 3ACC0299 LTM 002-602 S361 150 BLU 475nm NL x x Cross 3ACC0299 LTM 002-602 S361 600 BLU 475nm x x x Cross 3ACC0307 LTM 002-462 S361 600 BLU 475nm x x x Cross 3ACC0307 LTM 002-452 S361 50 BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S361 50 BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S361 50 BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S361 50 BLU 475nm x x x Cross 3ACC0308 LTM 002-453 S361 450 BR 50nm NL x x Cross 3ACC0308 LTM 002-453 S361 450 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x Cross 3ACC0308 LTM 002-453 S361 S50 BR 50nm x x x x 2 2 5pot 3ACC0308 LTM 034-601 S72L 600 WHT white x x x x 2 2 5pot 3ACC0332 LTM 034-601 S72L 600 WHT white x x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 WHT white x x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0335 LTM 034-601 S72L 500 BLU 475nm x x x 2 2 5pot 3ACC0304 LTM 034-151 S72L 150 BLU 475nm x x x 2 2 5pot 3ACC0304 LTM 034-151 S72L 150 BLU 475nm x x x 2 2 5pot 3ACC0304 LTM 034-151 S72L 1	3ACC0293	LTM 002-000 S36L 120D RED 625nm NL	Х							Cross		
3ACC0305 LTM 002-350 S36L 35D RED 425nm x x x Cross 3ACC0295 LTM 002-002 S36L 120D BLU 475nm NL x x x Cross 3ACC0303 LTM 002-002 S36L 120D BLU 475nm x x x Cross 3ACC0303 LTM 002-02 S36L 45D BLU 475nm x x x Cross 3ACC0303 LTM 002-352 S36L 45D BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S36L 35D BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S36L 35D BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S36L 55D BLU 475nm x x x Cross 3ACC0307 LTM 002-255 S36L 45D BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S36L 35D BLU 475nm x x x Cross 3ACC0307 LTM 002-352 S36L 95D BLU 475nm x x x Cross 3ACC0307 LTM 002-255 S36L 45D BLU 475nm x x x Cross 3ACC0304 LTM 002-045 S36L 45D BLU 475nm x x x Cross 3ACC0304 LTM 002-02-55 S36L 55D BLU 475nm x x x Cross 3ACC0304 LTM 002-02-55 S36L 55D BLU 475nm x x x Cross 3ACC0304 LTM 002-045 S36L 35D IR 850nm x x x Cross 3ACC0304 LTM 002-04-53 S36L 35D IR 850nm x x x Cross 3ACC03030 LTM 002-04 S36L 130D UV 365nm NL x x x 2 2 Spot 3ACC0330 LTM 034-351 S72L 35D WHT white x x x 2 2 Spot 3ACC0336 LTM 034-351 S72L 35D WHT white x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-351 S72L 35D BLU 475nm x x x 2 2 S												
3ACC0295 LTM 002-002 S36L 1200 BLU 475nm NL	3ACC0305	LTM 002-350 S36L 35D RED 625nm	X		X					Cross		
3ACC0299 LTM 002-602 536L 600 BLU 475nm x x x Cross 3ACC0300 LTM 002-552 536L 350 BLU 475nm x x x Cross 3ACC0307 LTM 002-352 536L 350 BLU 475nm x x x Cross 3ACC0307 LTM 002-152 536L 15D BLU 475nm x x x Cross 3ACC0308 LTM 002-035 336L 90D IR 850nm NL x x Cross 3ACC0300 LTM 002-453 536L 45D IR 850nm x x Cross 3ACC0300 LTM 002-353 536L 35D IR 850nm x x Cross 3ACC0308 LTM 002-253 536L 25D IR 850nm x x Cross 3ACC0308 LTM 002-253 536L 25D IR 850nm x x x Cross 3ACC0308 LTM 002-253 536L 25D IR 850nm x x x Cross 3ACC0308 LTM 034-601 572L 60D WHT white x x x x 2 Spot 3ACC0332 LTM 034-601 572L 60D WHT white x x x x 2 Spot 3ACC0332 LTM 034-601 572L 60D WHT white x x x x 2 Spot 3ACC0331 LTM 034-602 572L 35D WHT white x x x x 2 Spot 3ACC0339 LTM 034-505 272L 35D BLU 475nm x x 2 Spot 3ACC0335 LTM 034-505 272L 35D BLU 475nm x x 2 Spot 3ACC0335 LTM 034-505 272L 35D BLU 475nm x x 2 Spo		LTM 002-150 S36L 15D RED 625nm LTM 002-002 S36L 120D BLU 475nm NI			X	Y						
3ACC0303 LTM 002-352 S36L 35D BLU 475nm x x x Cross 3ACC0355 LTM 002-352 S36L 15D BLU 475nm x x x Cross 3ACC0355 LTM 002-152 S36L 15D BLU 475nm x x x Cross 3ACC0356 LTM 002-153 S36L 45D IR 850nm x x Cross 3ACC0304 LTM 002-453 S36L 45D IR 850nm x x Cross 3ACC0304 LTM 002-535 S36L 25D IR 850nm x x Cross 3ACC0304 LTM 002-253 S36L 25D IR 850nm x x Cross 3ACC0309 LTM 002-263 S36L 25D IR 850nm x x Cross 3ACC0309 LTM 002-353 S36L 25D IR 850nm x x Cross 3ACC0309 LTM 002-353 S36L 25D IR 850nm x x Cross 3ACC0309 LTM 002-363 S36L 25D IR 850nm x x Cross 3ACC0309 LTM 002-461 S72L 60D WHT white x x x 2 2 Spot 3ACC0336 LTM 034-601 S72L 60D WHT white x x x 2 2 Spot 3ACC0336 LTM 034-351 S72L 35D WHT white x x x 2 2 Spot 3ACC0336 LTM 034-351 S72L 35D WHT white x x x 2 2 Spot 3ACC0335 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0335 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x 2 2 Spot 3ACC0337 LTM 034-352 S72L 35D BLU 475nm x x 2 2 Spot 3ACC0337 LTM 034-352	3ACC0299	LTM 002-602 S36L 60D BLU 475nm	X			Х				Cross	Not includ	ed in the
3ACC0355												
3ACC0300 LTM 002-453 S36L 45D IR 850nm x	3ACC0355	LTM 002-152 S36L 15D BLU 475nm	Х							Cross		
3ACC0304 LTM 002-953 S36L 35D IR 850nm x												
3ACC0339 LTM 034-601 S72L 60D WHT white	3ACC0304	LTM 002-353 S36L 35D IR 850nm	Х					Х		Cross		
3ACC0332		LTM 002-253 S36L 25D IR 850nm TTM 002-004 S36L 130D HV 365nm NI						X	Y			
3ACC0330	3ACC0332	LTM 034-601 S72L 60D WHT white								2 Spot		
3ACC0331											_	
Matrix 320 800-030 Sensor Interface 8 = 5MP Sensor (GIGE) Note the first of the first options of Total Internal Note the first option option options of Total Internal Note the first option option options	3ACC0331	LTM 034-602 S72L 60D BLU 475nm		Х						2 Spot		
Sensor 8 = 5MP Interface 3 = Gigabit Ethernet (GIGE) 03 = 8mm 05 = 12mm 07 = 16mm 07 = 16mm 09 = 25mm 10 = 35nn 11 = 50mm 07 = 10 = 10 = 50 = 10 = 10 = 10 = 10 = 10												
Sensor 8 = 5MP Interface 3 = Gigabit Ethernet (GIGE)	Matr	ix 320 800-030	X-0XX						WIT.	M XXX-	-XXX	
8 = 5MP 3 = Gigabit Ethernet (GIGE) 03 = 8mm onumber 2 = F1.8 2 = Azure 1 = Edmund 2 = Azure 2 = May 20 5MP only 2 = M320 5MP only 2 = ming 2 = grid aiming 3 = 2 spot aiming 4 = 72 LED 1 = 120 = ultra wide (120D)		↓ ↓ ↓	_ ↑_	+			nd ← Γ		= '		TL	
Ethernet (GIGE) 05 = 12mm 2 = F1.8 2 = Azure 07 = 16mm 3 = F1.85 09 = 25mm 4 = F2 10 = 35nn 11 = 50mm 07 = 100 = 07 = 100 = 00 = 00 = 00 = 00								vnc	Illeren	↓		Color
09= 25mm		Ethernet 05 = 12mm	2 = F1.8		2=N	1320 5MP or						0 = red
10= 35nn 11= 50mm 45 = narrow (45D) 60 = wide (60D) 120 = ultra wide (120D)						200						0) 1 = whi 2 = blu
Different options of Total Internal		10= 35nn			40		2 – 5 2h0	c annillig	4 = /		45 = narrow (45D)	3 = IR
Different options of Total Internal		11= 50mm			-						60 = wide (60D)	4 = UV
					19							
Reflection (TIR) lenses				ses	14							
on the illuminator		on the ill	uminator	/	11		$\frac{1}{2}$					
LEDs to match smart /// / / / / / / / / / / / / / / / / /					/ !							

ILLUMINATORS

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



72 LED UHP ILLUMINATOR COLORS AND LED CHAIN CONFIGURATION				
Lights ON	LEDs COLOR			
Тор	White, Blue			
Bottom	White, Blue			
Left	White, Blue			
Right	White, Blue			
Internal Left Chain	White, Blue			
Internal Right Chain	White, 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)
	93A050122	M12-IP67 GIGA Ethernet Cable X-Coded (1M)
	93A050123	M12-IP67 GIGA Ethernet Cable X-Coded (3M)
	93A050124	M12-IP67 GIGA Ethernet Cable X-Coded (5M)
CABLE	93A050140	M12-IP67 GIGA Ethernet Cable X-Coded (10M)
CABLE	93A050129	Adapter Cable GIGA Ethernet X-Coded to Ethernet D-Coded
	93ACC0268	Serial RS232 to USB HID E Keybrd Converter Cbl
	93A050141	Adapter Cable FULL GIGA Ethernet X-Coded M12 to RJ45
	93A050033	CAB-LP-03 LIGHTING POWER 3M
	93A050037	CAB-LP-05 LIGHTING POWER 5M
	93A050076	CAB-GD03 M12 F/L 3M
	93A050077	CAB-GD05 M12 F/L 5M
	93A050078	CAB-GD10 M12 F/L 10M
	93ACC0272	Cover STD LT 36L M320/P2
	93ACC0341	Cover STD LT 72L M32
COVER	93ACC0274	Cover Polarizer LT 36L M320/P2
COVER	93ACC0342	Cover Polarizer LT 72L M320
	93ACC0279	Cover Lens and CM Base Short
	93ACC0280	Cover Lens and CM Base Long
	95A900020	Filter BLU Bandpass 475nm LT 36L M320/P2
FILTER	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
	95A900022	Filter YAG Cut LT 36L M320/P2
BRACKET	93ACC0283	BK-32-010 PIVOT FIX BRACKET M320/P2 BODY
DNACKET	93ACC0284	BK-32-020 FAST REPLACEMENT BRACKET M320







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