

VT-SM2-2368DL-M **

- 5MP @30 fps
- Built-in high-precision positioning, measurement and recognition algorithms for counting, defects, existence, positioning and other functions
- Supports RS-232, TCP, UDP, FTP, Modbus and other communication modes
- Supports access to multiple input/output signals
- Optional multi-focal length lens



Applied range • Counting • Existence • Size Measuring • QR Code Reading • Logistics Industry • Food and Medical Industry

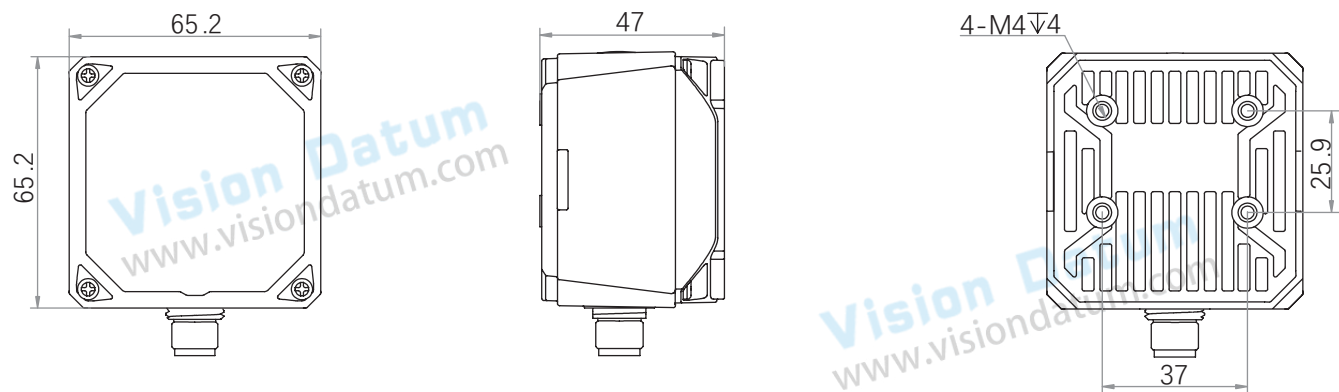
Vision Tool

- Count: Spot count, edge count, pattern count, contour count
- Defect detection: Exception detection
- Existence: Circle existence, line existence, spot existence, edge existence, pattern existence, contour existence
- Location: Match calibration, match location, position fixture
- Logic tool: If module, condition judge, logic judge, combination judge, string comparison, calculator
- Measurement: L2L angle, diameter measurement, brightness analysis, contrast measurement, width measurement, P2L measurement, greyscale size, line angle, edge width measurement
- Recognition: OCR, code recognition, classification registration, object detection registration, and color contrast
- Deep learning: DL object detection

Camera	VT-SM2-2368DL-M08/12/16		
Camera	Supports solution importing and exporting, up to 32 solutions		
Solution Capacity	RS-232、TCP、UDP、FTP、Modbus、MELSEC/SLMP、FINS、Keyence KV		
Resolution [H*V]	2368 × 1760		
Sensor Size	1/1.7"		
Sensor Technology	Global, CMOS		
Pixel Size [μm]	3.2 × 3.2		
Lens Mount	M12-Mount, mechanical autofocus supported		
Focal Length	8mm	12.4mm	16mm
Lens Cap	Polarized + Half-Polarized + full-transparent lens cap (optional)		
Light Source	White/Red/blue/IR light source (optional)		
Frame Rate [fps]	30		
Exposure Time	60μs~1s		
Dynamic Range	71.4dB		
Mono/Color	Mono		
Image Format	Mono 8		
Data interface	Fast Ethernet (100Mbit/s)		
Digital I/O	Supports triggering device via pressing top trigger button. 17-pin M12 connector provides power, Ethernet, I/O, and serial port including: input × 2, output × 3, and bi-directional I/O × 3		
Power Input	DC 24V		
Power Consumption	24V @48W		
Dimension	65.2 × 65.2 × 47 mm (280g)		
Temperature	-30~70 ° C (Storage), 0~50° C (Working)		
Software	SM-Datum		

**Support different focal length selection

Dimensions:



Detection Range:

Lens focal length (mm)	Working Distance (mm)	Field of view (mm)	Single pixel accuracy
8 mm	25 mm	23.68 mm × 17.6 mm	0.01 mm
	3000 mm	2841.6 mm × 2112 mm	1.2 mm
12.4 mm	60 mm	37.89 mm × 28.16 mm	0.016 mm
	3000 mm	1894.4 mm × 1408 mm	0.8 mm
16 mm	90 mm	42.62 mm × 31.68 mm	0.018 mm
	2000 mm	947.2 mm × 704 mm	0.4 mm

