

VT-SM2-704/1408SE-M06

- 0.4/1.6MP optional@60 fps
- Built-in high-precision positioning, measurement and identification algorithms
- Output results via RS-232 and Ethernet, and cooperate with other processes via I/O
- Uniform brightness of illuminated areas

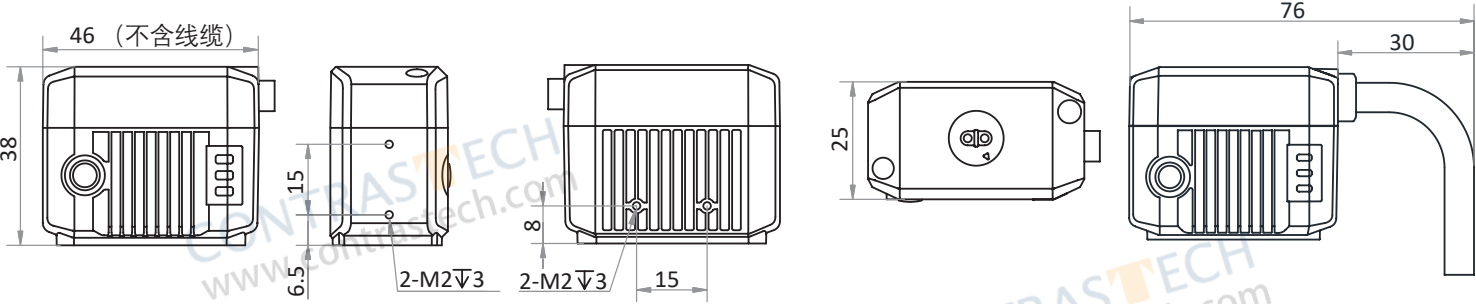


Applied range • Counting • Existence • Size Measuring • OCR • Logistics Industry • Food and Medical Industry

Vision Tool	<ul style="list-style-type: none"> ● Count: Pattern count, edge count, and spot count ● Existence: Circle existence, line existence, spot existence, edge existence, and pattern existence ● Location: Fixture ● Logic tool: Condition judge, character comparison, logic judge, and calculator ● Measurement: L2L angle, diameter measurement, brightness average value, contrast measurement, width measurement, P2L measurement, greyscale size, line angle, edge width measurement ● Recognition: OCR, classification registration

Camera	VT-SM2-704SE-M06	VT-SM2-1408SE-M06
Camera	Supports solution importing and exporting, up to 8 solutions and 40 modules can be stored.	
Solution Capacity	RS-232、TCP、UDP、FTP、Modbus	
Resolution [H*V]	704 × 540	1408 × 1024
Sensor Size	1/2.9"	
Sensor Tecchnology	Global, CMOS	
Pixel Size [μm]	6.9 × 6.9	3.45 × 3.45
Lens Mount	M10-Mount	
Focal Length	6.72mm	
Lens Cap	Transparent lens cap	
Light Source	White LED	
Frame Rate [fps]	60	
Exposure Time	16μs~1s	
Dynamic Range	74dB	71.4dB
Mono/Color	Mono	
Image Format	Mono 8	
Data interface	Fast Ethernet (100Mbit/s)	
Digital I/O	Device trigger via pressing button supported. 17-pin M12 connector provides power, Ethernet, serial port, digital I/O, including: Input signal × 1、output signal × 1、bi-directional I/O × 2	
Power Input	DC 12-24V	
Power Consumption	24V @11W	24V @22W
Dimension	46 × 38 × 25 mm (160g)	
Temperature	-30~70 ° C (Storage), 0~50° C (Working)	
Software	SM-Datum	

Dimensions:



Detection Range:

Model	Lens focal length (mm)	Working Distance (mm)	Field of view (mm)	Single pixel accuracy
VT-SM2-704SE-M06	6.72 mm	40 mm	29 mm × 22 mm	0.041 mm
		120 mm	87 mm × 66 mm	0.123 mm
VT-SM2-1408SE-M06	6.72 mm	40 mm	29 mm × 22 mm	0.021 mm
		120 mm	87 mm × 66 mm	0.062 mm

Note: During the operation of this product, looking directly at this product may cause harm to the eyes, and protective measures such as protective glasses should be worn during operation.

