ContrasTech

1.3MP Industrial Code Reader

DM-W130L-M05SM-SRND-T(U)

- 1.3MP @Max. reading speed 30 codes/sec
- Red light side outlet, built-in LED aiming,Adopts buzzer for indicating
- Built-in deep learning algorithm
- Supports one-click parameter adjustment and triggering via side trigger button
- IP54 protection

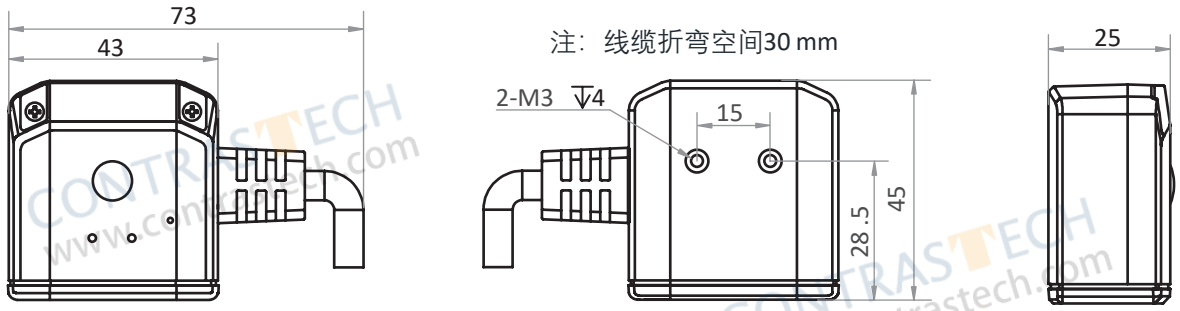
Applied range • 3C • Lithium • Tobacco • Pharmaceutical • Photovoltaic • automobile, etc.

Symbologies	• 1-dimensional codes: Code 39, Code 93, Code 128, ITF 14, ITF 25, CodaBar, EAN, UPCA, UPCE • 2-dimensional codes: QR Code, Data Matrix
Communication protocol	• Network interface: SmartSDK, TCP Client, Serial, FTP, HTTP, TCP Server, UDP • USB interface(-U): SmartSDK, USB

Model	DM-W130L-M05SM-SRND-T	DM-W130L-M05SM-SRND-TU
Resolution	1280 × 1024	
Max. frame rate[fps]	50	
Max. reading speed	30 codes/sec	
Sensor type	CMOS, Global Shutter	
Pixel size [μm]	2.7 × 2.7	
Sensor size	1/4"	
Exposure time	60μs~0.6s	
Gain	1 ~ 28 dB	
Mono/color	Mono	
Data interface	Fast Ethernet (100 Mbit/s), RS-232, DC terminals	USB2.0
Focal length	4.7 mm	
Lens mount	M5.8-Mount	
Ambient illumination	0 ~ 10000 lux	
Light source	Red LED	
Aiming system	Green LED	
Digital I/O	Device trigger via pressing button on side supported.	
	DB15 connector provides power and I/O, none-isolated input × 2 , none-isolated output × 2 , RS-232 × 1	DB15 connector provides data transfer
Power Input	12 ~ 24V	5 V (USB2.0 provides power supply)
Power Consumption	12V @2.5W	5V @2.5W
Housing Size	45 mm × 43 mm × 25 mm (68.5g)	
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)	
Driver	DM-Datum	

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.

Dimensions:



DoF

Code 39（3 mil）	Code 39（5 mil）	EAN13（13 mil）	Data Matrix (5 mil)	Data Matrix (10 mil)	Code128（10 mil）	QR Code（10mil）
45 ~ 90 mm	35 ~ 105 mm	50 ~ 125 mm	40 ~ 80 mm	25 ~ 125 mm	40 ~ 140 mm	30 ~ 120 mm

Detection Range

Working Distance（mm）	FoV（mm）		1D Single Pixel Accuracy	2D Single Pixel Accuracy
	H	V		
120	89	72	0.07	0.278

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