

### DM-W40S-M06SM-SxST(-U)

- 0.4MP @Max. reading speed 41 codes/sec
- Optional light source color, built-in LED aiming
- Built-in deep learning algorithm
- Adopts focus knob for adjusting focusing manually
- IP65 protection

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

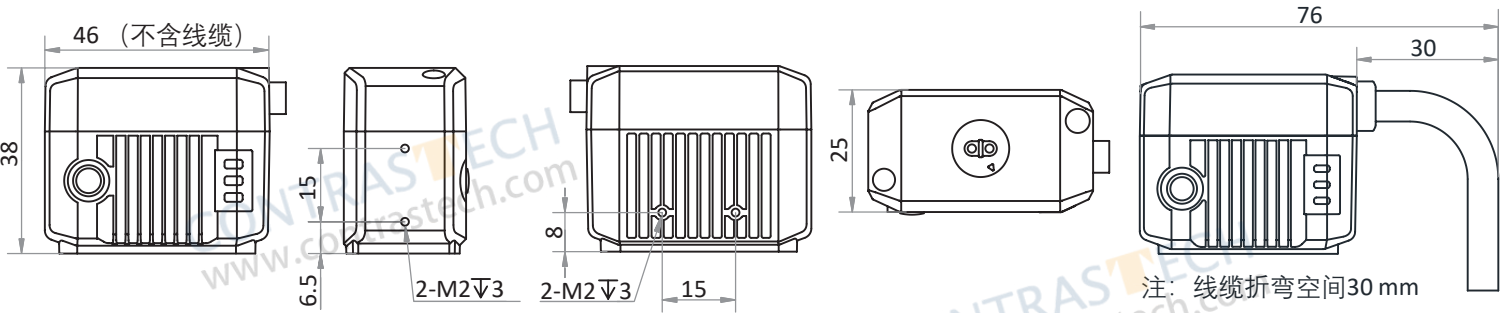
Symbologies	<ul style="list-style-type: none"> <li>1-dimensional codes: Code 39, Code 93, Code 128, ITF 14, ITF 25, CodaBar, EAN, UPCA, UPCE</li> <li>2-dimensional codes: QR Code, Data Matrix</li> </ul>
Communication protocol	<ul style="list-style-type: none"> <li>Network interface: SmartSDK, TCP Client, Serial, FTP, TCP Server, Melsec/SLMP, Modbus, FINS, UDP</li> <li>USB interface(-U): SmartSDK, USB</li> </ul>

Model	DM-W40S-M06SM-SxST **	DM-W40S-M06SM-SxST-U **
Resolution	704 × 540	
Max. frame rate[fps]	60	
Max. reading speed	41 codes/sec	38 codes/sec
Sensor type	CMOS, Global Shutter	
Pixel size [μm]	6.9 × 6.9	
Sensor size	1/2.9"	
Exposure time	16μs~1s	
Gain	0 ~ 15 dB	
Mono/color	Mono	
Data interface	Fast Ethernet (100Mbit/s)	USB2.0
Focal length	6.72 mm	
Lens mount	M10-Mount	
Working distance	40 mm to 120 mm, adjusting focus manually supported	
Ambient illumination	0 lux to 50000 lux	
Light source **	Optional: White / Red / Blue LED	
Aiming system	Green LED	
Digital I/O	Device trigger via pressing button on side supported.	
	17-pin M12 connector provides power and I/O, configurable bi-directional none-isolated I/O × 4, RS-232 × 1.	17-pin M12 connector provides power and I/O
Power Input	12 ~ 24V	5 V (USB2.0 provides power supply)
Power Consumption	24V @10.6W	5V @4.6W
Housing Size	46 mm × 38 mm × 25 mm (160g)	
Operating Temperature	-30~70 ° C (Storage), 0~50° C ( Working )	
Driver	DM-Datum	

**\*\*X is a different color for the light source.**

**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:



Detection Range

Working Distance (mm)	FoV (mm)		1D Single Pixel Accuracy	2D Single Pixel Accuracy
	H	V		
40	28.91	22.18	0.041	0.123
80	57.83	44.36	0.082	0.246
120	86.74	66.54	0.123	0.37

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