

DM-W160S-M06SM-SxST/PZ(U)

- 1.6MP @Max. reading speed 45 codes/sec
- Optional light source color, built-in LED aiming
- Built-in deep learning algorithm
- Adopts focus knob for adjusting focusing manually,supports triggering via side trigger button
- IP65 protection

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

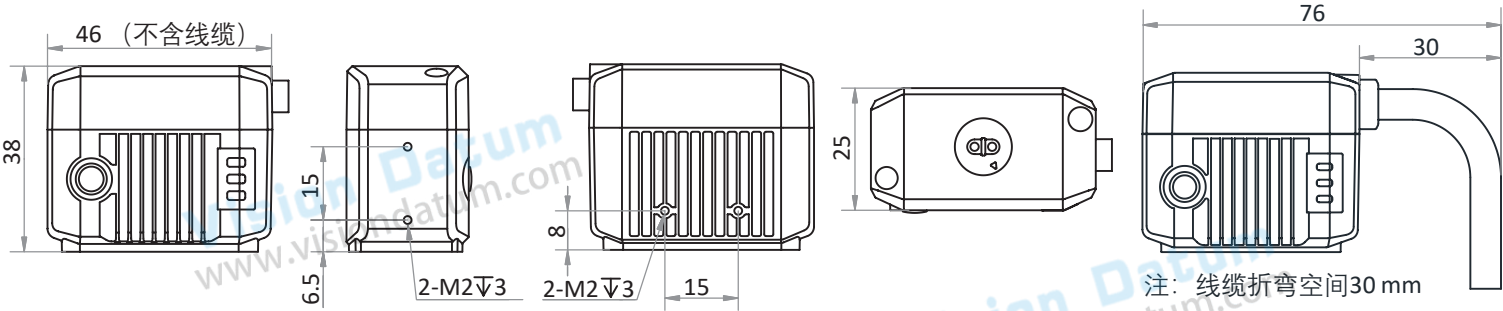
Symbologies	<ul style="list-style-type: none"> • 1-dimensional codes: Code 39, Code 93, Code 128, ITF 14, ITF 25, CodaBar, EAN, UPCA, UPCE • 2-dimensional codes: QR Code, Data Matrix
Communication protocol	<ul style="list-style-type: none"> • Network interface: SmartSDK, TCP Client, Serial, FTP, TCP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

Model	DM-W160S-M06SM-SxST **	DM-W160S-M06SM-SRPZ	DM-W160S-M06SM-SxST-U **
Resolution	1408 × 1024		
Max. frame rate[fps]	60		
Max. reading speed	45 codes/sec		
Sensor type	CMOS, Global Shutter		
Pixel size [μm]	3.45 × 3.45		
Sensor size	1/2.9"		
Exposure time	16μs~1s		
Gain	0 ~ 15 dB		
Mono/color	Mono		
Data interface	Fast Ethernet (100 Mbit/s)		USB2.0
Focal length	6.72 mm		
Lens mount	M10-Mount, adjusting focus manually supported		
Working distance	40 mm to 120 mm		
Ambient illumination	0 ~ 50000 lux		
Light source **	Optional: White / Red / Blue LED, PZ: with polarization,Red LED		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 data transfer
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	21.03	0.023	0.062
80	57.83	42.06	0.045	0.123
120	86.74	63.09	0.068	0.185

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