

DM-W160S-MxxGF-SRPZ**

- 1.6MP @Max. reading speed 45 codes/sec
- Red Polarization, orange LED aiming
- Solid-state high speed focus adjustment
- Adopts Solid-state focus adjustment and can be triggered via the side button
- IP65 protection

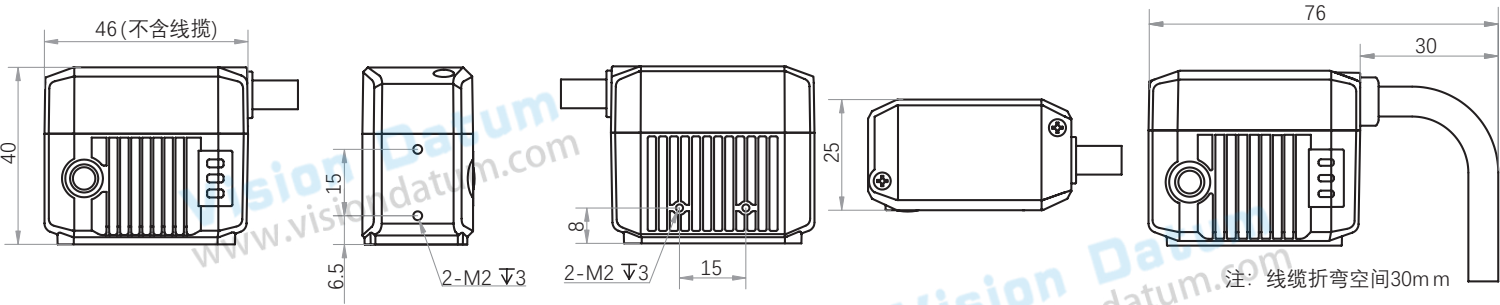
Applied range • 3C • Lithium • Tobacco • Pharmaceutical • Photovoltaic • automobile, etc.

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	SmartSDK, TCP Client, Serial, FTP, TCP Server, Melsec/SLMP, Modbus, FINS, UDP

Model	DM-W160S-M06GF-SRPZ	DM-W160S-M10GF-SRPZ
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~2.5s	
Gain	0 ~ 40 dB	
Mono/color	Mono	
Data interface	Fast Ethernet (100Mbit/s)	
Focal length**	6mm	10mm
Lens mount	M12-Mount	
Working distance	70 ~ 160 mm	95 ~ 400 mm
Ambient illumination	0 ~ 50000 lux	
Light source*	Red Polarization	
Aiming system	Orange LED	
Digital I/O	Device trigger via pressing button on side supported. 17-pin M12 connector provides power and I/O: none-isolated input × 1, none-isolated output × 1, configurable bi-directional none-isolated I/O × 2, RS-232 × 1.	
Power Input	12 ~ 24V	
Power Consumption	12V @11W	
Housing Size	46 mm × 40 mm × 25 mm (135g)	
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)	
Driver	DM-Datum	

**: xx is available in different focal lengths in the model.

Dimensions:



Detection Range

Lens Focal Length (mm)	Working Distance (mm)	FoV (mm)		1D Single Pixel Accuracy	2D Single Pixel Accuracy
		H	V		
6	100	80.96	58.88	0.06	0.17
	150	121.44	88.32	0.09	0.26
	200	161.92	117.76	0.12	0.35
	250	202.40	147.20	0.14	0.43
	300	242.88	176.64	0.17	0.52
	350	283.36	206.08	0.20	0.60
	400	323.84	235.52	0.23	0.69
10	100	48.58	35.33	0.03	0.10
	150	72.86	52.99	0.05	0.16
	200	97.15	70.66	0.07	0.21
	250	121.44	88.32	0.09	0.26
	300	145.73	105.98	0.10	0.31
	350	170.02	123.65	0.12	0.36
	400	194.30	141.31	0.14	0.41

