

DM-J500P-MxxAF-SxST **

- 5MP @Max. reading speed 60 codes/sec
- Adopts 14 LEDs White light, built-in LED aiming
- Built-in deep learning algorithm
- Supports mechanical autofocus
- IP67 protection



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

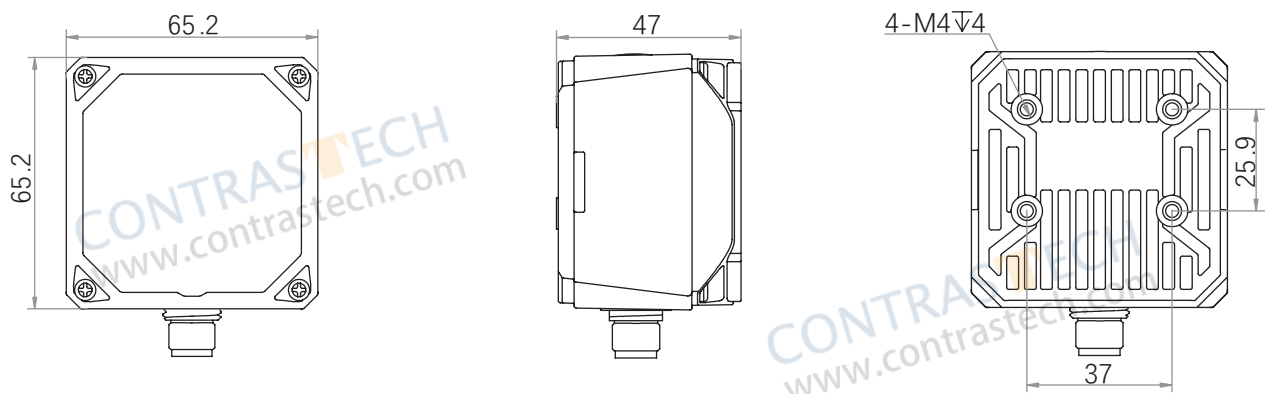
Symbologies	• 1-dimensional codes: Code 39, Code 93, Code 128, ITF 14, ITF 25, CodaBar, EAN, UPCA, UPCE • 2-dimensional codes: QR Code, Data Matrix • Stack codes: PDF 417
Communication protocol	SmartSDK, TCP Client, Serial, FTP, TCP Server, Melsec, Modbus, FINS, SLMP

Model	DM-J500P-MxxAF-SxST **			
Resolution	2560 × 2048			
Max. frame rate[fps]	30			
Max. reading speed	60 codes/sec			
Sensor type	CMOS, Global Shutter			
Pixel size [μm]	3.2 × 3.2			
Sensor size	1/1.7"			
Exposure time	60μs~1s			
Gain	0 ~ 18 dB			
Mono/color	Mono			
Data interface	Fast Ethernet (100Mbit/s)			
Focal length **	8 mm	12 mm	16 mm	25 mm
Lens mount	M12-Mount,mechanical autofocus supported.			
Working distance	25 ~ 600 mm	60 ~ 600 mm	100 ~ 600 mm	230 ~ 600 mm
Light source	White LED,Red/Blue/Infrared Optional			
Digital I/O	Device trigger via pressing button on top supported.			
	17-pin M12 connector provides power and I/O: non-isolated input× 3, non-isolated output × 3, RS-232 input × 1, RS-232 output × 1.			
Power Input	24V			
Power Consumption	24V @10.6W			
Housing Size	65.2 mm × 65.2 mm × 47 mm (280g)			
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)			
Driver	DM-Datum			

**:xx is a different focal length for the lens factory selectable.

** :x is a different color for the light source factory selectable.

Dimensions:



Detection Range

Lens Focal Length	Working Distance (mm)	FoV (mm)		1D Single Pixel Accuracy	2D Single Pixel Accuracy
		H	V		
8	25	23.7	17.6	0.01	0.03
	100	94.7	70.4	0.04	0.12
	200	189.4	140.8	0.08	0.24
	300	284.2	211.2	0.12	0.36
	400	378.9	281.6	0.16	0.48
	500	473.6	352	0.2	0.6
12	600	568.3	422.4	0.24	0.72
	60	37.9	28.2	0.016	0.048
	100	63.1	46.9	0.027	0.08
	200	126.3	93.9	0.053	0.16
	300	189.4	140.8	0.08	0.24
	400	252.6	187.7	0.107	0.32
16	500	315.7	234.7	0.133	0.4
	600	378.9	281.6	0.16	0.48
	100	47.4	35.2	0.02	0.06
	200	94.7	70.4	0.04	0.12
	300	142.1	105.6	0.06	0.18
	400	189.4	140.8	0.08	0.24
25	500	236.8	176	0.1	0.36
	600	284.2	211.2	0.12	0.36
	230	69.7	51.8	0.029	0.088
	300	90.9	67.6	0.038	0.115
	400	121.2	90.1	0.051	0.154
	500	151.6	112.6	0.064	0.192
	600	181.9	135.2	0.077	0.23

