

DM-Qxx00S-M0CM-00ST

- 3-20MP @Max. reading speed 90 codes/sec
- Built-in deep learning code reading algorithm
- Support TCP, Serial, FTP, MELSEC, Fins and other communication protocols.
- Flexible with various focal lengths of C-Mount lenses
- IP67 protection**



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

Symbologies	1-dimensional codes: Code 39, Code 93, Code 128, CodaBar, EAN8, EAN13, UPCA, UPCE, ITF14, ITF25, Matrix 25, MSI, ChinaPost, Code 11, Industrial 25(3MP Only), Pharmacode(3MP Only) 2-dimensional codes: QR Code, Data Matrix, MicroQR(3MP Only), AZTEC(3MP Only) - Stacked codes: PDF417
Communication protocol	TCP Client, Serial, FTP, TCP Server, MELSEC, Fins, ModBus, SLMP, UDP(3MP/20MP Only)

Model	DM-Q300S-M0CM-00ST	DM-Q600S-M0CM-00ST	DM-Q1200S-M0CM-00ST	DM-Q2000S-M0CM-00ST	DM-Q2000P-M0CM-00ST
Resolution	2048 × 1536	3072 × 2048	4096 × 3072	5440 × 3648	5120 × 3968
Max. frame rate	60 fps	30 fps	28 fps	20 fps	20 fps
Max. reading speed	90 codes/sec	90 codes/sec	84 codes/sec	36 codes/sec	36 codes/sec
Sensor type	CMOS, Global Shutter	CMOS, Rolling Shutter	CMOS, Global Shutter	CMOS, Rolling Shutter	CMOS, Global Shutter
Pixel size [μm]	2.5 × 2.5	2.4 × 2.4	3.2 × 3.2	2.4 × 2.4	2.5 × 2.5
Sensor size	1/2"	1/1.8"	1"	1"	1.1"
Exposure time	16μs~1s	16μs~1s	60μs~1s	16μs~500ms	16μs~500ms
Gain	0 ~ 40 dB	0 ~ 40 dB	0 ~ 18 dB	0 ~ 40 dB	1 ~ 2.5 dB
Mono/color	Mono				
Data interface	Gigabit Ethernet (1000 Mbit/s)				
Lens mount	C-Mount				
Lens Cap	Transparent lens cap				
Digital I/O	12-pin M12 connector provides power and I/O: opto-isolated input × 3, opto-isolated output × 3, RS-232 input × 1, and RS-232 output × 1				
Power Input	24V		12-24V		
Power Consumption	24V @20W		24V @12W		
Housing Size	109.5 mm × 64.4 mm × 109 mm (400g)		109.5 mm × 64.4 mm × 109 mm (470g)		
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)				
Driver	DM-Datum				

**: IP67 (under proper installation of waterproof lens cap)

Dimensions:

