

FIXED-MOUNT READER SPECIFICATIONS

	300 L 360 L	300 QL 360 QL	300 X 360 X	302 L 362 L	302 QL 362 QL	302 X 362 X	303 L 363 L	303 QL 363 QL	303 X 363 X	503 QL	503 X
1-D and Stacked Codes	.	.	.	.	.	.	.	.	.	.	.
Omnidirectional 1-D Codes		.	.		.	.		.	.	.	.
Postal Codes			.			.			.		.
2-D Codes			.			.			.		.
Algorithm	1DMax, Hotbars II ¹		1DMax, Hotbars II ¹ , IDQuick, 2DMax ²	1DMax, Hotbars II ¹		1DMax, Hotbars II ¹ , IDQuick, 2DMax ²	1DMax, Hotbars II ¹		1DMax, Hotbars II ¹ , IDQuick, 2DMax ²	1DMax, Hotbars II ¹	1DMax, Hotbars II ¹ , IDQuick, 2DMax ²
Image Resolution	800 x 600 global shutter			1280 x 1024 global shutter			1600 x 1200 global shutter			2048 x 1088 global shutter	
Image Sensor	1/1.8" CMOS									2/3" CMOS	
Acquisition	Max 60 fps						Max 40 fps			Max 150 fps	
Decode Rate	Max 45/sec						Max 30/sec			120/sec	
Lens Options	C-mount, S-mount, variable focus liquid lens									C-Mount	
Trigger	Manual; External: single, burst and continuous; Internal: self and presentation										
Aimer	Dual laser (CDRH/IEC Class II)									None	
Discrete Inputs	2 opto-isolated									4 opto-isolated	
Discrete Outputs	4 opto-isolated										
Other I/O Points	2 user-configurable ³										
Status Outputs	Beeper, 5 multifunctional LEDs, 10x LED bar array, 360 degree read indicator ³										
Memory Card	Micro SD memory card included ³										
Lighting	Integrated segment-controlled bright field, various controllable external light options, color options include red, red polarized, IR, blue, white									High-powered illumination accessory, external	
Communications	Ethernet and RS-232										
Power	24VDC (±10%)										
Power Consumption	5W (internal lights), 18W (internal and external lights)									15W (DM503 only), 36W max (with HPIA)	
Material	Aluminum										
Weight	165g									1.5kg	
Dimensions	73mm x 54mm x 42mm, 92mm x 54mm x 42mm (w/ cover and lights)									113mm x 88mm x 158mm (without lens or lens cover)	
Operating Temperature	0°C to 45°C (32°F to 113°F)										
Storage Temperature	-10°C to 60°C										
Operating and Storage Humidity	0% to 95%, non-condensing										
Protection	IP65										
RoHS Certified	Yes										
Approvals (CE, UL, FCC)	Yes										
Operating System	Microsoft® Windows® XP and Windows 7 32 and 64 bit										

¹ DataMan 36x models only. DataMan 30x models have Hotbars

² PowerGrid Available

³ DataMan 36x models only



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