

FIXED-MOUNT READER SPECIFICATIONS

	50 L	50 QL	50 S	60 L	60 QL	60 S
1-D and Stacked Codes	Yes, oriented	Yes, omnidirectional	Yes, omnidirectional	Yes, oriented	Yes, omnidirectional	Yes, omnidirectional
Omnidirectional 1-D Codes	No	Yes		No	Yes	
Postal Codes	No					
2-D Codes	No		Yes	No		Yes
Algorithm	1DMax, Hotbars		1DMax, Hotbars, IDQuick	1DMax, Hotbars		1DMax, Hotbars, IDQuick
Image Resolution	752 x 480 global shutter					
Image Sensor	1/3" CMOS					
Acquisition	Max 60 fps		Max 2 fps	Max 60 fps		Max 2 fps
Max Decode Rate	45/sec		2/sec	45/sec		2/sec
Lens Options	3-position (45/70/110mm) adjustable					
Trigger	Manual; External: single, burst and continuous; Internal: self and presentation		Manual; External: single Internal: self and presentation	Manual; External: single, burst and continuous; Internal: self and presentation		Manual; External: single Internal: self and presentation
Aimer	LED					
Discrete Inputs	2, non-isolated					
Discrete Outputs	3, non-isolated					
Status Outputs	3 multifunctional LEDs, (external control box with beeper and two buttons available)					
Lighting	Integrated bright field, external					
Communications	USB and RS-232			Ethernet, USB and RS-232		
Power	5VDC to 24VDC or USB Bus powered			5VDC to 24VDC		
Power Consumption	2.5W					
Material	Aluminum Housing \ Polycarbonate Window					
Weight	76g (w/cable)			100g (3.42 oz)		
Dimensions	23.5mm x 26.5mm x 45.4mm			55mm x 44.5mm x 23.5mm		
Operating Temperature	0°C to 40°C (32°F to 104°F)					
Storage Temperature	-10°C to 60°C					
Operating and Storage Humidity	0% to 95%, non-condensing					
Protection	IP65			IP40		
RoHS Certified	Yes					
Approvals (CE, UL, FCC)	Yes					
Operating System	Microsoft® Windows® XP and Windows 7 32 and 64 bit					

L Models

1DMax algorithm with Hotbars technology for reading the most challenging, high-speed, 1-D barcodes presented in fixed position, either horizontally or vertically.

QL Models

Best-in-class 1-D barcode reading with 1DMax and Hotbars technology that is optimized for omnidirectional barcode reading.

S Models

For slow-moving parts or index motion where parts have well-marked 1-D and 2-D codes.

Q Models

High-performance code reading of 1-D and 2-D codes on fast moving parts. Includes 1DMax and IDQuick technologies.

X Models

High-performance code reading for applications that require reading challenging 1-D and 2-D codes, including DPM codes. The X Model can also include patent pending PowerGrid technology to read codes without visible perimeters.



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Unit 24, 11 Havelock Road, Bayswater VIC 3153
Phone: 03 9720 0211 Email: salesm@asconline.com.au
Website: www.automationsystemsandcontrols.net.au