

# Specifications- IT1900

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	Narrow width	Depth of Field HD	Depth of Field SR
	5 mil Code 39	8 - 76 mm	30 - 89 mm
	13 mil UPC	15 - 124 mm	13 - 323 mm
<b>Reading distance</b>	20 mil Code 39	15 - 173 mm	15 - 411 mm
	6.7 mil PDF417	0 - 86 mm	18 - 140 mm
	10 mil Data Matrix	0 - 84 mm	18 - 140 mm
	20 mil QR	0 -140 mm	0 - 262 mm
		HD Focus	SR Focus
<b>Resolution</b>	Resolution 1D Code 39	3 mil	5 mil
	Resolution 2D Data Matrix	5 mil	6.7 mil
<b>Scan Pattern</b>	Area Image 838 x 640		
<b>Motion</b>	Up to 610 cm/s for 13 mil UPC at optimal focus		
<b>Tolerance</b>		HD Focus	SR Focus
<b>Scan Angle</b>	Horizontal	41.4°	42.4°
	Vertical	32.2°	33°
<b>Pitch, Skew</b>	45°, 65°		
<b>Symbol Contrast</b>	20% Minimum reflectance difference		
<b>Ambient Light</b>	0 to 100,000 Lux (full Sunlight)		
<b>Mechanical Shock</b>	Operational after 50 Drops from 1.8m to concrete		
<b>Environmental Sealing</b>	IP41		
<b>Interfaces</b>	PS2 Keyboard Wedge		
	RS-232 (May require external power supply)		
	USB		
	IBM 46xx (RS-485)		
<b>Symbologies support</b>	Linear	Codabar, CODE 3 of 9 including PARAF, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, Code 11, Code 93, Code 128, UPC, EAN/JAN, RSS.	
	2 Dimensional	PDF417, MicroPDF417, Maxicode, Data Matrix, QR Code, Aztec, Aztec Mesas, Code 49 & EAN-UCC Composite	

	Postal	Australian 4-state, Postnet, Planet Code, British Post, Canadian Post, Japanese Code, KIX
	OCR Fonts (Optional)	OCR-A, OCR-B
<b>Input Voltage</b>	4 ~ 5.5 VDC	
<b>Operating Power</b>	2.3W (450mA @ 5 VDC)	
<b>Standby Power</b>	0.45W (90mA @ 5 VDC)	
<b>Operating Temperature</b>	0° ~ 50°	
<b>Relative Humidity</b>	0 ~ 95% non condensing	
<b>Warranty</b>	5 Year Factory Warranty (not on cable, conditions apply)	
<b>Dimensions L x H x W</b>	10.4 x 16.0 x 7.1 cm	
<b>Weight</b>	147 g	
<b>Operation Mode</b>	Manual, Presentation Mode or Auto Trigger.	