socket mobile

Secure Digital Scan Card

Series 3

Specification Sheet

PHYSICAL CHARACTERISTICS			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
Dimensions	61.5 x 28.0 x 14.6 mm	66.5 x 29.4 x 20.0 mm	
Total Mass	8 g (0.3 oz)	17 g (0.6 oz)	

ENVIRONMENTAL SPECIFICATIONS			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
Operating Temperature	32 to 122°F (0 to 50°C)		
Storage Temperature	-22 to 158°F (-30 to 70°C)	-40 to 158°F (-40 to 70°C)	
Relative Humidity	5% to 95% non-condensing		
Ambient Light	0.5 ft. candles (5 lux) to 8,000 ft. candles (86,112 lux)	Sunlight: 10,000 ft. candles (107,640 lux) Artifical light: 450 ft. candles (4,844 lux)	

ELECTRICAL SPECIFICATIONS			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
Operating Voltage	3.3 V		
Power Consumption (3.3 V)	Standby: 4 mA (13 mW) Scanning: 64 mA (211 mW)	Standby: 4 mA (13 mW) typical Scanning: 90 mA (297 mW) typical	
Laser Power (at 650 nm)	N/A	0.7 mW (±0.1 mW)	1.7 mW (±0.2 mW)

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Specification Sheet

PERFORMANCE SPECIFICATIONS			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
Scanner Type	Symbol CSE600 CMOS linear imager	Symbol SE-955 Class 1 laser	Symbol SE-955 Class 2 laser
Types of Bar Codes Decoded	Linear (1D)	Linear (1D), Stacked linear composite (RSS-14)	
Symbologies Decoded	Codabar, Code 11, Code 128, Code 39, Code 93, D 2 of 5, I 2 of 5, MSI, UPC/EAN, Webcode	Same as SDSC 5E (except Webcode) plus: Chinese 2 of 5, RSS-14/Limited/Expanded	
Scan Repetition Rate	Frame rate varies with the amount of ambient light	100 scans/sec bi-directional	
Optical Resolution	N/A	0.004 in. (0.102 mm) minimum/bar code element width (X Dimension)	
Print Contrast	35% MRD measured at 675 nm	Minimum 25% absolute dark/light reflectance (MRD) measured at 650 nm	
Scan Angle	N/A	Wide (default): 47° ±3° Narrow: 35° ±3°	
Decode Distance*	3.18 to 60.96 cm (1.25 to 24.00 inches) typical	2.50 to 88.90 cm (1.00 to 35.00 inches) typical	2.50 to 114.30 cm (1.00 to 45.00 inches) typical

HARDWARE AND SOFTWARE COMPATIBILITY			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
Operating System Support	Windows Mobile 5.0 for Pocket PC/Pocket PC Phone Edition/ 6 Classic/Professional Windows Mobile 2003/2003SE with BSQUARE SDIO *Now!* software in ROM Palm OS 5.2 or greater		
Compatibility	Windows COM port		
Interface Standards	Secure Digital I/O		

INCLUDED SOFTWARE AND HARDWARE			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
Included Software	Installation Utility SocketScan for Windows Mobile SocketScan for Palm OS Socket Floating Trigger for Windows Mobile		
Package Contents	Secure Digital Scan Card CD with software and user documentation		

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WARRANTY, REGULATORY COMPLIANCE			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
Warranty	One year		
Certification/ Compliance	FCC: Part 15, Class B CE: EN55024:2003 C-TICK: s.182 RoHS	FCC: Part 15, Class B ICES-003 Class B AS 3548 C-TICK: s.182 21CFR1040.10 CE: EN55024:2003 CISPR 22 Japan VCCI Class B RoHS 21CFR1040.11**	

SKU NUMBERS			
	SDSC 3E *Entry Level*	**SDSC 3M** *Mid-Range*	**SDSC 3P** *Performance*
SKU #	IS5300-464	IS5304-732	IS5306-736

socket

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