




Socket® Secure Digital Scan Card Series 3



Specifications Sheet

	SDSC 3E <i>Entry Level</i> 	SDSC 3M <i>Mid-Range</i> 	SDSC 3P <i>Performance</i> 
SKU #	IS5300-464	IS5304-732	IS5306-736
Scanner Type	Symbol CSE600 CMOS linear imager	Symbol SE-955 Class 1 laser	Symbol SE-955 Class 2 laser
Symbologies Decoded	UPC/EAN, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI	UPC/EAN, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, RSS-14, RSS-Limited, RSS-Expanded	
Power Consumption (with 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)
Scan Repetition Rate	Frame rate varies with the amount of ambient light	100 scans/sec (bi-directional)	
Optical Resolution	N/A	0.004 in. 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
Ambient Light Immunity	0.5 ft. candles (5 Lux) to 8,000 ft candles (86,112 Lux)	Sunlight: 10,000 ft. candles (107,640 lux) Artificial light: 450 ft. candles (4,844 lux)	
LED/Laser Safety	EN60825 Class 1 LED	IEC60825-1 Class 1 Laser	IEC60825 Class 2 Laser
Electrical Safety	UL, VDE, CUL	UL 60950, EN/IEC 60950	
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)	
Operating Temperature	32 to 140° F (0 to 60° C)	-4 to 140° F (-20 to 60° C)	
Storage Temperature	-22 to 158° F (-30 to 70° C)	-40 to 158° F (-40 to 70° C)	

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Humidity	5% to 95% (non-condensing)		
Operating System Support	Windows Mobile 5.0 Windows Mobile 2003/2003SE with BSQUARE SDIO <i>Now!</i> software in ROM Palm OS 5.2 or greater		
Compatibility	Windows COM port		
Interface Standards	Secure Digital I/O		
Included Software	Installation utility SocketScan for Windows Mobile/CE SocketScan for Palm OS Socket Floating Trigger for Windows Mobile/CE		
Certification/Compliance	FCC: Part 15, Class B CE: EN55024:2003 EN60825 C-TICK: s.182 RoHS UL VDE CUL	FCC: Part 15, Class B ICES-003 Class B CISPR 22 AS 3548 Japan VCCI Class B CE: EN55024:2003 C-TICK: s.182 21CFR1040.10 and 1040.11***	EN60825-1:1994+ A1:2002 +A2:2001 IEC60825-1:1993+A1:1997+A2:2001 UL 60950, EN/IEC 60950 VCCI RoHS
Warranty	Two years		
Package Contents	Secure Digital Scan Card CD with software and user documentation		

*Depends on symbol size, symbology, label media, W-N Ratio, scan angle.

** Windows Mobile 2003/2003SE devices must have BSQUARE SDIO *Now!* software in ROM.

*** Except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.



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