

# CompactFlash Scan Card *Series 5*

## Specification Sheet

	MODEL	5E2	5P	5X
PHYSICAL	CF Card Dimensions	45 x 43 x 5.0 mm (1.8 x 1.7 x 0.19 inches)		46 x 43 x 3.8 mm (1.8 x 1.7 x 0.15 inches)
	Scanner Head Dimensions <i>without rubber collar</i>	40 x 51 x 20 mm (1.6 x 2.0 x 0.78 inches)		39 x 51 x 23 mm (1.6 x 2.0 x 0.90 inches)
	Total Mass	34 g (1.2 oz)		37 g (1.3 oz)
ENVIRONMENTAL	Operating Temperature	+32 to +122°F (0 to +50°C)		-4 to +144°F (-20 to +60°C)
	Storage Temperature	-40 to +158°F (-40 to +70°C)		-22 to +158°F (-30 to +70°C)
	Relative Humidity	5% to 95% non-condensing		
	Ambient Light	Sunlight: 10,000 ft. candles (107,640 lux) Artificial light: 450 ft. candles (4,844 lux)		0 to 100,000 lux
ELECTRICAL	Operating Voltage	3.3 V		
	Power Consumption (3.3 V)	Standby: 4 mA (13 mW) typical Idle: 10 mA (33 mW) Scanning: 47 mA (155 mW) typical		Standby: 10 mA (33 mW) Idle: 70 mA (231 mW) Scanning: 460 mA (1518 mW)
	Laser Power (at 650 nm)	0.7 mW (±0.1 mW)	1.7 mW (±0.2 mW)	N/A
SCANNER PERFORMANCE	Scanner Type	Class 1 laser (1D)	Class 2 laser (1D)	High Density imager (1D, 2D)
	Scan Repetition Rate	100 scans/sec bi-directional		2D mode: 56 images/ sec, auto adaptive Linear (1D) emulation mode: 200 images/sec, adaptive
	Optical Resolution	0.004 in. minimum/barcode element width (X Dimension)		752 (H) x 480 (V) pixels 256 gray levels
	Print Contrast	Minimum 25% absolute dark/light reflectance (MRD) Measured at 650 nm		Down to 25%
	Scan Angle	Wide (default): 47° ±3°    Narrow: 35° ±3°		Horizontal: 38.9°    Vertical: 25.4°
	Decode Distance (Typical)*	3.8 to 27 cm (1.5 to 10.5 inches)	3.8 to 114+ cm (1.5 to 45+ inches)	
	Types of Barcodes Decoded	Linear (1D), Stacked linear composite (GS1 DataBar/RSS)		Linear (1D), Stacked linear, 2D/Matrix, Postal

\*Decode distance depends on symbol size, symbology, label media, W-N ratio, scan angle

MODEL	5E2	5P	5X
SCANNER PERFORMANCE	Symbologies Decoded Chinese 2 of 5 Codabar Code 11 Code 128 Code 39 Code 93, D 2 of 5 GS1-128 (UCC-128/EAN-128) GS1 DataBar (RSS) I 2 of 5 MSI UPC/EAN	Same as CFSC 5E2 Recommended for ISBN and VIN	Same as CFSC 5E2 (except D 2 of 5) plus: Australia Post, Aztec, BPO4 State Code, British Post, Canada Post, Codablock, Data Matrix, Dutch Post, EAN/UCC Composite, ISBN, Japan Post, Matrix 2 of 5, Maxicode, PDF 417/Macro PDF 417/Micro PDF 417, Planet, Plessey, Postnet, QR Code, Standard 2 of 5, Telepen, TLCode 39, 4 State Code

COMPATIBILITY	Operating System Support	Windows Mobile 6 Classic/Professional Windows Mobile 2003, 2003SE, 5.0 for Pocket PC Windows Vista, XP
	Compatibility	Windows COM port, CompactFlash Spec. 2.0
	Interface Standards	CompactFlash Type II PC Card (PCMCIA) with Type II CF-to-PC Card adapter, sold separately (SKU# AC4001-515)

STANDARD OFFERING	Included Software	Installation Utility SocketScan™ for Windows Mobile / Vista / XP Socket Floating Trigger
	Package Contents	CompactFlash Scan Card CD with software and user documentation Retaining bracket for use with Socket SoMo® 650 handheld computer
	Warranty	CompactFlash Scan Care: One year Accessories: 90 days SocketCare enhanced service program available separately

COMPLIANCE	Environmental	RoHS	
	EMI/RFI	FCC Part 15, Class B CISPR 22 ICES-003 Class B CE EN 55024:2003 Japan VCCI Class B AS 3548 C-Tick s.82	FCC Part 15, Class B CE EN 55024:2003 Japan VCCI Class B C-Tick s.82
	Laser/LED Safety	IEC60825-1 Class 1 Laser 21 CFR 1040.10 21 CFR 1040.11**	IEC60825-1 Class 2 Laser 21 CFR 1040.10 21 CFR 1040.11**

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



Sales Offices  
Corporate Headquarters:  
39700 Eureka Drive  
Newark, CA 94560 USA

Web: [socketmobile.com](http://socketmobile.com)

Phone: +1-510-933-3000

USA & Canada Toll Free: 800-552-3300

Fax: +1-510-933-3030

Online: [socketmobile.com/contact](http://socketmobile.com/contact)

SKU NUMBERS, ALL REGIONS		
Model	Single Unit SKU	20 Pack SKU
CompactFlash Scan Card 5E2	IS5042-1195	IS5043-1196
CompactFlash Scan Card 5P	IS5026-610	IS5029-613
CompactFlash Scan Card 5X	IS5038-894	IS5039-895

© 2010, Socket Mobile, Inc. Socket, the Socket logo, Business Mobility Now!, CompactFlash Scan Card, SoMo and SocketScan are registered trademarks or trademarks of Socket Mobile, Inc. All other brand and product names are trademarks of their respective holders. 6450-00150K 1/2010