socket mobile®

CompactFlash Scan Card
Series 5

Capture Barcodes Anywhere with a Durable Plug-in Scanner

Increase efficiencies in your data collection applications with the CompactFlash Scan Card (CF Scan Card) Series 5

- **Performance** – Advanced technology for scanning 1D and 2D barcodes in a broad range of indoor and outdoor conditions

- **One-Handed Scanning** – After you insert the CF Scan Card into a PDA, you can scan with one hand, leaving your other hand free to handle packages and materials for increased productivity

- **Modular** – Works in the standard CompactFlash or PC Card slot of a wide variety of mobile computers, so you can switch or upgrade computers and keep using the same scanner*

WHICH VERSION IS RIGHT FOR YOU?		
CFSC 5E2 *Reliable, Affordable 1D Laser*		- For light-duty or general-purpose indoor scanning - Reads all common 1D/linear and stacked barcodes up to 10.5" (27 cm) away - Class 1 laser technology
CFSC 5P *Long-range 1D Laser*		- High-performance for scanning barcodes indoors or outdoors - Ideal for reading VIN numbers, through Mylar / thick glass or damaged barcodes - Reads barcodes on curved or reflective surfaces - Easy to use and can scan thousands of barcodes per day, up to 45" (114 cm) away - Class 2 laser technology reads 1D and stacked barcodes
CFSC 5X *2D and 1D Omni-directional*		- Xtreme peformance unit for 2D, 1D, PDF barcodes, including small barcodes - Reads barcodes indoors in good lighting conditions up to 10.5" (27 cm) away - Also supports stacked and postal barcodes - CMOS high density imaging technology
CFSC 5XRx *Antimicrobial 2D and 1D*		- Antimicrobial plastics inhibit growth of bacteria and microbes - Xtreme peformance unit for 2D, 1D, PDF barcodes, including small barcodes - Reads barcodes indoors in good lighting conditions up to 10.5" (27 cm) away - CMOS high density imaging technology

HARDWARE FEATURES

- 2D and 1D barcode scanning
- Durable card with integrated scanner plugs into CompactFlash (CF) slot with a snug, secure fit
- Antimicrobial version 5XRx for healthcare
- With 3rd party CF-to-PC Card adapter (not included) also works in a PC Card (PCMCIA) slot
- Compatible with computers running:
  - Windows Mobile 6 Classic, Professional
  - Windows Mobile 2003/2003SE/5.0 for Pocket PC
  - Windows 7, Vista , XP
- One-handed operation with Socket SoMo® 650 or other handheld improves efficiency by freeing the other hand to handle materials
- Multiple performance levels available to fit your business requirements
- Easy to pack, no extra batteries or power adapter required
- Battery Friendly® technology reduces power consumption, maximizing the battery life of your mobile computer
- Great to combine with Socket SoMo® 650 hand-held computer, pre-loaded with software for out-of-the-box deployment
- One year warranty
- SocketCare extended warranty sold separately

SOFTWARE FEATURES

- SocketScan™ software enters scanned data into any application, no custom programming eeded
- Automatically add prefix and suffix functions, such as carriage return and tab, to further eliminate manual data entry
- Optional beep or audio file for good scan
- Easily enable / disable symbology support
- View the properties of any bar code, including symbology, length, and decoded data, for any of the supported symbologies
- Compatible with Windows-based development tools for custom applications
- SDK available to application developers
- Floating Trigger for Windows Mobile adds on-screen icon you can tap to trigger the scanner
- No license fee for standard software

WATCH VIDEOS

Retail:
http://www.youtube.com/user/socketmobile#p/f/5/2XvLCtS7iqU

Healthcare:
http://www.youtube.com/user/socketmobile#p/f/0/U1Vnj-nY30Q

CF Scan Card Model	5E2	5P	5X	5XRx
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 *without rubber collar*	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)	
Antimicrobial Rating (JIS Z2801:2000 Test) Biosafe® HM4100 EPA# 83019-1	N/A	N/A	N/A	2.49 on MRSA 6.07 when cleaned with Sani-Cloth® Plus disposable cloth wipes
Operating Temperature	Operating: +32 to +122°F (0 to +50°C) Storage: -40 to +158°F (-40 to +70°C)			
Relative Humidity	5% to 95% non-condensing			
Ambient Light	Sunlight: 10,000 ft. candles (107,640 lux) Artifical light: 450 ft. candles (4,844 lux)		0 to 100,000 lux	
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 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. min./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)	4.8 to 40.6 cm (1.9 to 16 inches)	
Types of Barcodes Decoded	Linear (1D), Stacked linear composite (GS1 DataBar/RSS)		Linear (1D), Stacked linear, 2D/Matrix, Postal	
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 (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	
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, available from 3rd party			
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			
Warranty	CompactFlash Scan Card: One year Accessories: 90 days			
SocketCare Service Program	Sold separately. SocketCare Plus 2 Year SKU# SC1808-1353 3 Year SKU# SC1809-1354 http://www.socketcare.com/			
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**	IEC60825-1 Class 1 LED	