

Tracking Your Future

CS - 1



VALUE



CS - 1 CCD Scanner

Introduction

Digital Scanning Corporation (DSC) was founded in 1993 to provide total solutions in the area of automatic data capture and identification.

With initial focus on 1D and 2D barcode technologies, DSC's latest portable solutions now incorporate RFID (radio frequency identification) tags, labels and smart cards.

The DSC brand of software and hardware products are known for being affordable, of high quality and highly compatible to existing systems.

Software

Based on Microsoft's .NET structure, Trek I.T.I. will help enterprises track and manage items or people accurately and on a real time basis.

The software will have 5 separate modules:

- Inventory Management
- File Tracking
- Asset Tracking
- Labour Tracking
- Tools Tracking

The lite version is made for "stand alone" applications and input will be by keying in and/or via batch processing. The enterprise version is network based & allows for real-time data processing. The software allows input from various data capture technologies such as barcodes, RFID and smartcards.

Basic Specifications:

- Built-in Keyboard Emulator for laptop
- Excels in densities starting at 0.125 and lower
- 16bit CMOS CPU
- 100 scans/second
- Ergonomic Design
- Keyboard Auto-Detection:
Built-in keyboard emulator for laptop
(Phony Keyboard included)



**Model:**

- » 1000K (K-B Wedge), 1000R (RS232), 1000U (USB)

Electrical:

- » Voltage : 5V +/- 10% (at scanner end)
- » Power consumption:
Operation (Max.):
85mA [1000K (K-B Wedge)], 90mA [1000R (RS232)], 110mA [1000U (USB)]
- » Operation (Typical):
75mA [1000K (K-B Wedge)], 80mA [1000R (RS232)], 100mA [1000U (USB)]

Environmental:

- » Temperature:
0°C-50°C (operating) / 20%~60°C (storage)
- » Humidity:
20%~90% non-condensing (operating) / 10%~95% non-condensing (storage)
- » Shock Resistance:
100cm drops onto a concrete surface

Physical:

- » Weight:
250g [1000K (K-B Wedge)], 260g [1000R (RS232)], 265g [1000U (USB)]
- » Housing : ABS plastic
- » Switch : Rubber switch
- » Color : Ivory
- » Optical :
Optical Sensor : 2048 Pixel
- » Light Source:
- » Red LED (660nm)

Environmental

- » Operating Temperature : 0°C to 50°C
- » Storage Temperature : -20°C to 65°C
- » Relative Humidity : 5% to 95% noncondensing
- » EMI Emission : FCC class A
- » Ambient Light : 3,000 to 8,000 lux
- » Connectivity : DB9, DB25, AMP, DIN5, Mini-Din6, and etc.

Symbologies:

- » Code 39, Full ASCII Code 39, UPC/EAN/JAN, CODABAR, Interleaved 2/5, Code 128, Code 11, Code 93, MSI/PLESSEY, Code 4, and etc.
Special code can be requested.

Series

- » KS-380LR Long Range ³ 230 cm
- » KS-380MR Middle Range ³ 100 cm
- » KS-380NR Normal Range ³ 38 cm
- » KC-340 Reading Range ³ 15 cm

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