CCD SCANNER ———————— GT-7000 Series

FEATURES:

- Office or Point of Sale Use
- Keyboard Wedge or RS-232 Interface
- Laser-Like Operating Range
- Reads All Common Barcodes
- Easy Setup With Barcode Menus
- Extensive Data Editing Capability
- Easily Replaced Cable
- Installation and Configuration Manual

DESCRIPTION:

The GT-7000 is a hand held, gun-type CCD scanner that features "laser-like" performance. Unlike conventional CCD scanners, it is no longer restricted to operating very close to the barcode. Unlike lasers, it has no moving parts and requires no safety precautions. The barcode is illuminated using red light emitting diodes. The CCD used in the unit is similar to that in digital cameras, and takes a "picture" of the code rather that scanning it. The scanner takes 45 exposures per second, equal to the scan rate of most hand held lasers. The GT-7000 offers both keyboard wedge and RS-232 interfaces. The unit reads all common barcodes and is easily setup to operate in most any application by scanning barcode menus. A unique system allows copying the setup parameters of one scanner to another. The extensive data editing capabilities, built into the scanner, minimizes programming at the host computer end.

TYPICAL APPLICATIONS:

The Keyboard Wedge model is normally used to add a barcode "front end" to existing applications. If these applications normally accept input from a keyboard, this scanner enables the use of barcodes without any software modification. Data from the scanned barcodes appears as though it were typed on the keyboard. The RS-232 model can connect to the COM: port of a PC or any other device designed for EIA/TIA RS-232 communications. Baud rates of up to 38,4000 are selectable. All models feature extensive Data Editing. Barcode data can be reformatted, function keys can be inserted and delimiters or other special characters can be added to the barcode label data.

SPECIFICATIONS:

Configuration:	Via scanning barcode menus. Complete Configuration Manual Provided.	RS-232:	Selectable baud rate from 300 thru 38,400. Seven or 8 bit data word. Odd, Even, Mark, Space or No Parity. RTS/CTS, Xon/Xoff Handshaking.
Barcodes Read:	EAN/UPC (including supplements), Code 39, 2 of 5 Code (Including Industrial, Matrix, and DataLogic), Codabar, Code 128, Code 11, Code 93, and MSI/Plessey.	Connectors:	Keyboard Wedge can be furnished with DIN-5 or mini-Din-6 connectors. Macintosh unit is furnished with DIN-4 connector. RS-232 model has a DB-9S wired as DCE (will plug directly into PC COM: port).
Keyboards:	PC/AT, PC/XT, PS/2 models 30, 50, 60, and 80, IBM 5550, MAC-ADB.		

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Specifications (Continued)

Keyboard
Layouts: US, UK, Spanish, French, German, Swiss, Swedish, Norwegian, Italian.

Mechanical: Material: ABS Plastic
Weight: 5oz. (less cable)

Power: The keyboard wedge model derives its power from the PC or Macintosh. The RS-232 model requires an external power supply furnishing 5VDC±5% at 200 milliamps. Accessory Supply, model APS002 is Available.

Scanner to Code Distance:
The maximum distance between the scanner and the barcode is a function of the density of the barcode. Density is usually measured in terms of the width of the smallest bar or space in the code. In general, the wider the bar or space, the further away the scanner can operate. The distances at the right are typical for this scanner.

Narrow Bar Width	Distance
0.006"	5½"
0.010"	6"
0.013 (UPC Code)	7"
0.020	7½"
0.040	10½"

PART NUMBERS:

Model	Description
GT-7001	RS-232 with DB9S Connector
GT-7002	Keyboard Wedge with 5-Pin DIN Connector
GT-7003	Keyboard Wedge with 6-Pin mini DIN Connector
GT-7004	Macintosh ADB with 4-Pin DIN Connector
APS002	Power Supply for GT-7003

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