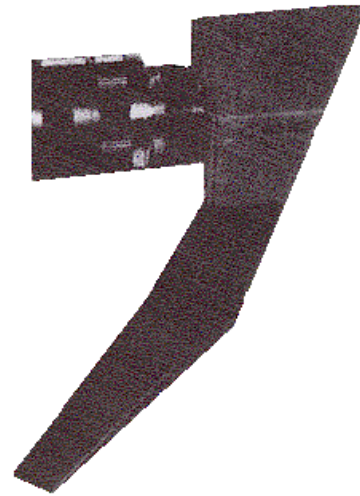


Model 1000

CCD Video Decoder and Camera

Technical Specifications



Interfacing with a standard video camera to read bar code labels.

The depth of field and distance to the label (from the camera) is dependent on the quality of the lens and camera used.

Via the RS232 port, the Model 1000 can be integrated into virtually any data collection systems.

Decoder is 100% software driven and can easily be upgraded or customized to fit almost any application.



TECHNICAL DATA

DECODER CODES

Codabar, COde 3 of 9, UPC, A&E,
EAN/JAN/APN 8 or 13, Code 93,
Code 128, interleaved 2 of 5,
standard 2 of 5, (special start/stop)

OUTPUTS

Standard DB9 connection
RS232 or RS422/RS485

(special or multidrop)

Protocol	RTS/CTS, XON/XOFF, NONE
Baud Rate	300, 600, 1200, 2400, 4800, 9600 and 19200
Parity Space Protocol	No, Even, Odd, Mark and
Pre & Post Amble	Selectable

I/O OUTPUTS

Input	Standard DB15 connection Package detect (diode backbiased)
Output	Good read, No read, Good Compare, No Compare, and one (1) spare Open collector outputs

VIDEO SYSTEM

Depth of Field	5 in. - 8 ft. (Narrow element/lens specific)
Scan Rate	15.751 scan/sec (50-60 field per second)
Operating Range	0.5 in - 50 ft. (lens specific)
Narrow Element Dimensions	Unlimited (lens specific)
Label Orientation	Horizontal (5 - 80 degree bar height specific)
Lighting Restrictions	Camera specific

POWER REQUIREMENTS

300mA @ 5vDC (+/-5%)

DIMENSIONS

6" x 6.5" x 2.4"

PROGRAMMABILITY

Via RS232 communications
All parameters are saved in EE Prom

ENVIRONMENT

0° - 70° C
(32° - 168° F)