

DRS CD800 Automatic Optical Mark Reader

The CD800 is a high speed double-sided automatic Optical Mark Reader with one input hopper and two output stackers. The reader is reliable, robust, simple to use and compatible with most relevant software packages.

The CD800 can successfully discriminate between intended marks and erasures.



Dimensions

Physical	650mm length 480mm width 400mm height
Weight	29Kg
Minimum form size	150mm x 85mm
Maximum form size	325mm x 227mm
Minimum form weight	60gsm
Maximum form weight	150gsm

Environmental

Minimum temperature	10 Deg C
Maximum temperature	35 Deg C
Minimum humidity	40%
Maximum humidity (non-condensing)	80%

Power

Average consumption	<150 Watts
Supply	Universal 100 240V 50-60Hz

Microprocessor

P111 based processor
Min 32mb RAM

Readheads

Dual reflective visible light readheads
16 levels of erasure discrimination

Interface (auto sensing)

Communication	RS232/V24
Minimum baud rate	1200 baud
Maximum baud rate	57600 baud
Parity	odd, even, none
Data bits	7 or 8
Stop bits	1

User controls

16 character system display
16 character programmable display
Start/Stop/Reset button
Sheet thickness adjuster

Features

Automatic feed
- Input hopper holds up to 600 forms
- Accept hopper holds up to 600 forms
- Reject hopper holds up to 100 forms
2 output stackers
Sheet separator
Self-calibrating electronic double sheet detection

Speed

Transport	1000 mm/sec
Reading up to	7500 forms/hour

Document format (European standard)

Double-sided	
Track spacing	1/5"
Minimum row spacing	1/10"
Data tracks	42
Maximum rows/side	127

Firmware

SOS and Diagnostics

Command protocol

Executes the SOS OMR instruction set

Options

- Infra red readheads
- Barcodes:
 - maximum 100 barcodes/sheet
 - all tracks selectable by command
 - mixture of Code 39, Interleaved 2 of 5 Codabar
- 47 track 1/6" (USA standard)
- Transport printer



DRS equipment complies with all current regulations.

Please note DRS products and services are subject to change without notice and that the information provided is for guidance only.