

DRS CD400

Automatic Optical Mark Reader

The CD400 is a high speed single-sided automatic Optical Mark Reader with one input hopper and two output stackers. The reader is reliable, robust, simple to use and compatible with a wide variety of software packages. The CD400 can successfully discriminate between intended marks and erasures.



Dimensions

Physical	650mm length 480mm width 400mm height
Weight	28Kg
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 32meg - RAM

Readhead

Reflective visible light readhead
Self-calibrating
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
2 Output stackers
- Accept holds up to 600 forms
- Reject hold up to 100 forms
Sheet separator
Self-calibrating electronic double sheet detection

Speed

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

Document format (European standard)

Track spacing	1/5"
Minimum row spacing	1/10"
Data tracks	42
Maximum rows/sheet	127

Firmware

SOS and Diagnostics

Command protocol

Executes the SOS OMR instruction set

Options

- Infra red readhead
- 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)
- 40 track 1/5" (IBM 3881 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.