

DRS CD360

Automatic Optical Mark Reader

The CD360 is a high speed single sided automatic Optical Mark Reader with one input hopper and two output stackers.

The reader is reliable, robust, easy to use and is compatible with most relevant software packages. The CD360 can successfully discriminate between intended marks and erasures.



Dimensions

Physical	600mm length 1000mm length (including detachable stackers) 380mm width 230mm height
Weight	14Kg
Minimum form size	150mm x 85mm
Maximum form size	325mm x 227mm
Minimum paper weight	60gsm
Maximum paper weight	150gsm

Environmental

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

Power

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

Microprocessor

486 microprocessor	
RAM	1.0MB

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

32 characters 2 row LCD dot matrix display
Multi function push button

Features

Automatic feed
- Input hopper holds 150 forms
2 Output stackers
- Each holds 200 forms
3 stage sheet separator
Automatic self-calibrating electronic double sheet detection
Self adjusting paper feed

Speed

Transport	600 mm/sec
Reading up to	2400 A4 forms/hour

Document format (European standard)

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

Firmware

Continuous automatic self checking diagnostics
User upgradable firmware via floppy disc

Command protocol

Executes the SOS OMR instruction set

Options

- Infra-red readhead
- 47 track 1/6" (USA standard)
- Barcodes:
Maximum 100 barcodes/sheet
All tracks selectable by command
Mixture of Code 39, Interleaved 2 of 5
Codabar

DRS OMR equipment complies with the EC Electromagnetic Compatibility Directive of 1996.

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