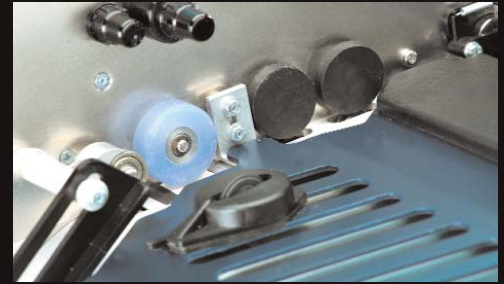


PS940

PhotoScribe® Optical Mark Reader



Technical Specifications

Dimensions

Physical	417mm depth x 650mm width x 548mm height
Weight	40kgs
Nominal form size	A4
Minimum form size	200mm x 90mm
Maximum form size	356mm x 227mm
Maximum form size in long sheet mode (optional)	457mm x 227mm
Nominal form weight	85 - 95gsm
Minimum form weight	80gsm
Maximum form weight	135gsm

Environmental

Nominal operating temperature	18 - 25 degrees C
Minimum operating temperature	10 degrees C
Maximum operating temperature	35 degrees C
Maximum operating humidity (non-condensing)	80%

Power

Maximum consumption	220 watts
Supply	50-60Hz Universal 100 - 240V AC

Hopper and Stackers

Input hopper maximum capacity	600 sheets
Stacker 1 maximum capacity	600 sheets
Stacker 2 maximum capacity	200 sheets
Stacker 3 maximum capacity	50 sheets

Operator Controls

LCD display 2 lines, 32 characters	Start up/System messages
Green push button	Context sensitive (soft key)
Rear panel switch	Power isolation
Blue push button	Standby

The PS940 is a robust, reliable Optical Mark Reader designed for high duty cycles. It is suitable for a wide range of large volume data capture exercises including examination processing and assessment, automated ballot counting, voter registration, population census, questionnaires and other large-scale surveys.

Operating System and Platform

Operating system	Windows XP Professional
Mainboard	Full ATX Industrial Standard PC
Processor	Minimum P4 3GHZ
Disk 1	200Gb SATA
Memory	1Gb
Port 1	Parallel
Port 2	Serial
Network card	10/100/1000 BASE T

Interconnections

Keyboard	PS2
Mouse	PS2
Monitor	TFT (15 way D)
Parallel port	25 way D
Serial port	9 way D
Network	CAT5

Speed

Transport	1177 mm/sec
Sheet throughput up to	10500 forms per hour (A5) 9000 forms per hour (A4) 7500 forms per hour (356mm by 227mm) 5000 forms per hour (457mm by 227mm) Reduced cost option for circa 50% throughput

Image Heads

Illumination	Red (visible light image head with red dropout)*
Resolution	256 levels of approx. 200 dpi linescan greyscale
Maximum image width	215mm

OMR Features

Format	Software selectable European standard (5 tracks per inch, 40 data tracks) USA standard (6 tracks per inch, 47 data tracks)
Barcode types	2 of 5 interleaved, code 39
Minimum barcode element size	0.5mm
Barcode orientation	Vertical
Maximum number of barcodes	64 mixed per side
Sheet routing	Real time sheet sorting based on OMR and Barcode data
DRS SOS decode	Compatible

Other Features

Feed	Automatic
Paper path	Open for easy access
Sheet separation	User adjustable
Doubles detection	Contactless electronic self calibrating
Doubles Removal System	User configurable automated separation attempting
Feed Wheels	Push on and user replaceable
Jam detection	Automatic with position reporting
Hopper/stacker status	Automatic empty/full detection
Transport Printer	Optional inkjet audit trail printing
Stacker Extension	Optional stacker extensions for scanning long sheets up to 457mm

*Other colours and IR available on request

V0907



Microsoft
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Partner

WEE/CC0052TQ

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