# SEKONIC

## Optical Mark Reader

# SR-1800

**NEW**

A0941
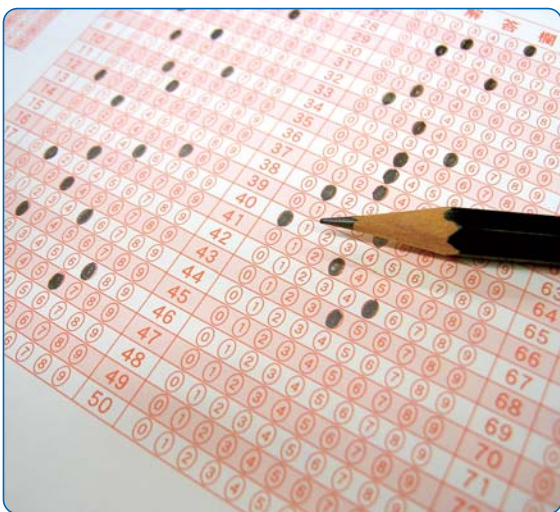




## Application

### Education:

Classroom Testing, Scoring,
Analyzing Student Performance,
Educational Administration,
Student Surveys,
Course and Instructor Evaluations
Attendance Tracking

### Medical:

Health Risk Analysis, Patient Billing,
Wellness Tracking, Clinical Evaluations
Electronic Medical Records

### Business:

Customer Satisfaction Surveys,
Personnel Evaluation
Employee Satisfaction Study,
Quality Control Feedback, Elections

## SPECIFICATIONS

| | | |
|---|---|---|
| Read Sensor | Read Head | 1 (Single side) or 2 (Dual Side) |
| | Mark Discrimination | 16 steps (256 Degrees) |
| | Light Source | Infra Red Ray (940 nm) or Visible Red Ray (660 nm) |
| | Mark Implements | Infra Red Ray : Pencil, Visible Red Ray : Pencil + Pen |
| | Read head Channels | 1/6 inch (48 Channels) |
| | Mark Shapes | Rectangle Ovals and Circles |
| | Read Technique | Reading Reflective Sensor |
| Connect with PC (Interface) | | USB (2.0) or RS-232C (9 pins 9,600 to 115,200 bps) |
| Equipment Control | Display | LED (2 LEDs "READY" & "ERROR") |
| | Operation Button | 2 (START / CLEAR) |
| Form Input | ADF (Hopper) | Approx. 50 forms |
| Scanning | Form Width | 63.55 to 228.60 mm (2.5 Inch to 9.0 Inch) |
| | Form Length | 110 to 355.6 mm (4.3 Inch to 14.0 Inch) |
| | Number of Rows | 108 Rows |
| | Number of Columns | 48 Columns |
| | Mark Position | Under 5,184 Mark Positions |
| | Paper Weight | 72 to 135 kg (0.11 to 0.19 mm / 84 to 157 g/m$^2$) |
| | Throughput speeds | *Approx. 1800 forms / hour |
| Form Output | Stacker | 100 forms |
| Power | Voltage / Relatives | AC100V 50 / 60Hz to 240V 50 / 60Hz   AC Adaptor : Input 24V 2.1A |
| Conditions | Temp / Humid | 5 to 35℃ (41 to 95°F) / 30 to 80% |
| Dimensions | W x H x D (mm, Inch) | 328 x 128 x 731 mm (in Operation) / 328 x 128 x 390 mm (Footprint) 12.9 x 5.0 x 28.7 Inch            / 12.9 x 5.0 x 15.4 Inch |
| Noise | | Under 60 db |
| Weight | | Approx 4.9 kg (10.8 Lbs) |
| Accessories | | CD-ROM (User Manual, USB Driver, API, Diagnostic utility software) Power cable (AC Adaptor), USB cable |

*Throughput speeds may vary depending on your application software, operating system and PC specification.

### INTRODUCTION SR-1800





■ **Card to Letter, Legal, A4**
Applicable from Card to Legal.
Form Width : 63.55 to 228.60㎜
(2.5 to 9.0 Inch)
Form Length : 110 to 355.6㎜
(4.3 to 14.0 Inch)

■ **Compatible SEKONIC OMR's**
Compatible with
SR-601, SR-607, SR-730
　　(RS-232C)
SR-2300, SR-5500,
SR-3500, SR-6500
　　(USB / RS-232C)

## Easy to Control, High Accuracy, High Performance, and High Reliability

> **OMR Technology can ONLY capture the data of "Black" and "White" on the OMR form Easier, Simpler, more Accurate than Image scanner**

■ **Accurate Data Capturing**
① Detection Mark Density : to capture the data correctly.
(256 degrees - 16 steps of Discrimination)
This function provide automatic detection to select the most darkest marking in each fields.
② SR-1800 has function to eliminate Double feed, and No feed detection to capture data correctly.

■ **USB Connection is provided as well as Serial Port**



Interface : USB (2.0) / RS-232C

For DESKTOP
NOTE
LAP TOP
PALM PC!!

■ **DESKTOP OMR (Light Weight, Compact Footprint)**
Only 4.9Kgs (10.8lbs) of weight, and 328 x 128 x 390㎜ (12.9 x 5.0 x 15.4 Inch) of footprint provides flexibility and portability in spite of feed A4, letter, legal size form.

■ **Approved and Compliant with Current Worldwide Environmental Regulations**
Approved : UL / VCCI / BSMI / FCC / MIC
Compliant : CE / RoHS

■ **Easy to Maintenance, Cleaning each section**

■ **Available to use various Software for SEKONIC OMR's, or Easy to develop for your Own application software**

Features and Specifications are subject to change without prior notice.

A0941K030  Printed in Japan