



THE iNSIGHT OPTICAL MARK READ (OMR) SCANNER IS ONE OF THE MOST VERSATILE AND EFFICIENT DESKTOP SCANNERS AVAILABLE FOR AUTOMATED DATA COLLECTION. ITS POWERFUL PROCESSOR DELIVERS FAST DOCUMENT THROUGHPUT AND TRANSFERS INTO A VARIETY OF OFF-THE-SHELF AND CUSTOM SOFTWARE PACKAGES.

Easy Upgrade to Image Capabilities

When you want to upgrade from OMR to imaging data collection capabilities, all you need to do is upgrade the scanner system cartridge. Today you may be collecting OMR data but in the future, you may want image capabilities – collecting survey comments, essay answers, short-answers, check and X box responses, bar codes, hand print, machine print, image clips, and full-page images. An investment in an iNSIGHT OMR scanner will pay off as your data collection needs grow. Collect OMR data now and be ready for imaging capabilities. A simple upgrade is all that is required to provide full image-capture capability.

Easy to Operate

The iNSIGHT OMR scanner is easy to operate and includes two built-in read modes: one for reading pencil marks and one for reading marks made with blue or black ink. The forty-character, alphanumeric operator messages simplify operation. An open feed path provides sheet visibility at all times as well as easy access for sheet removal and transport cleaning. Scanner self-diagnostics quickly pinpoint any operating problem. Any previous software applications developed for the OpScan® 2/3/4/4U scanners are plug-and-play compatible with the iNSIGHT OMR scanner.

Accurate, Fast and Efficient

The iNSIGHT OMR scanner is accurate, fast and efficient to meet your data management needs. It has a form throughput rate of up to 2,200 sheets per hour. A fixed, automatic feed hopper holds 100 sheets and helps eliminate continual form reloading and constant operator attention. Its digital read head technology helps prevent undetected degradation of read head accuracy. The scanner alerts you when paper dust, erasure bits, ect. begin to build up and might affect read accuracy. A sheet thickness detector helps ensure the scanner reads only one sheet at a time. Sheet-skew detection helps ensure proper registration while scanning, as well.

Scanner Applications

With today's increasing emphasis on accuracy, efficiency, and cost effectiveness, the iNSIGHT OMR scanner is the answer for information management challenges. Applications include:

- Student testing
- Class Schedule
- Training and development surveys
- Product/customer registration
- Patient encounter/satisfaction
- Attendance
- Pre-employment testing
- Customer satisfaction surveys
- Conference course/instructor evaluations
- Crash, incident, EMS reporting

Options

- Dual-side read head for two-sided form scanning.
- Select stacker separates documents based on user-defined criteria.
- A programmable interactive printer prints information based on scanned data – such as error codes, alpha numeric messages, serial numbers, validation flags, and test scores – without affecting the throughput rate.
- Bar code reader delivers application information.
- Download capability permits ASCII-coded output, which simplifies implementation when not using a PC.
- SelfScore® module for classroom test scoring and surveys.
- Imaging upgrade.

Software Interfaces

The iNSIGHT OMR scanner, when connected to a personal computer, is compatible with ScanTools® Plus utility software. This menu-driven software allows you to maintain files and define scannable documents – plus scan, edit, validate, and display data. Interfacing with an iNSIGHT OMR scanner into customer application software is done using the ScanTools Plus Link SDK and ScanTools Plus software. The software converts files of scanned data into formats compatible with other popular software packages, such as Microsoft® Access, Microsoft Excel, Lotus® and SPSS® software.

Technical Hardware Specifications

Physical Description

Length: 21.25"
Width: 14.5"
Height: 9"
Weight: 17 lbs.

Environment

Operating Temperature: 60° to 85°F
Humidity: 40% to 60%, non-condensing

Power

100-240 volt operation: 100-240 volts AC (-10%, +6%); 47-63 Hz; US 3-prong plug; 15 amp dedicated circuit
Cords: Plug to power supply = 8 ft; Power supply to scanner = 6 ft.

Communications

- Both RS-232 (1,200 to 38,400 bps) and USB 2.0 data communication supported
- Plug-compatible (via the RS-232 interface) with OpScan 2/3/4/4U and Sentry 3000 model OMR scanners
- Main Port: Local or remote connection; cable at no charge when specified by the customer at the time of scanner order
- Auxiliary Port: Allows connection of a terminal printer or video display in series with the scanner; cable may be purchased from Scantron

Operation

- Forms: 2.5" x 5" to 9" x 14" (60-100 lb. Offset). Uses both Mark Reflex B and Trans-Optic® forms
- Pencil or ink forms may be used by menu selection or using ScanTools Plus software.
- Form Input Capacity: Auto-feed, 100 sheets
- Output Stacker Capacity: 100 sheets main stacker, 100 sheets select stacker (if present)
- Controls: Two Push button programmable switches
- Message Display: 40 character, alphanumeric
- 2,200 sheets per hour (Actual scanning rate depends on the quantity of data read from the form and the amount of processing done on the data while scanning).

Software Compatibility

- Existing software programs used with OpScan scanners (RS-232) are compatible
- Supported by ScanTools Plus software.

Product information subject to change without notice.

Please visit us at www.scantron.com for a complete overview of iNSIGHT system requirements or call us at 1-800-SCANTRON for more information.