

CHATSWORTH

cSCAN 8500-C

High Speed Desktop Image Scanner



Healthcare



Vote tabulation



Education



Gaming



Document Management



- USB 1.1, 2.0 compatible
- Simplex or Duplex CIS head option
- Optional 1" thermal brander
- Dual row illumination option
- *Fast* 200 or 100 DPI bitmap image output
- *Fast* 17 inches per second scan
- Rugged metal chassis design
- Scan forms 3.25 - 8.5" wide (82.55 - 216 mm), and up to 32.9" long (836mm)
- Belt drive transport for jitter free data capture and reliability

Chatsworth Data has designed and manufactured data capture equipment since 1971.

We currently supply equipment to a number of diverse vertical markets that include education, gaming/lottery, government, healthcare, survey, vote tabulation, and many more.

The cSCAN 8500-C image scanner was specifically developed to support Point Of Sale (POS), gaming, lottery and other commercial data capture applications that require a robust design to handle the rigors of every day use. The compact size, and powerful feature set of this scanner lends itself well for applications with custom terminals or kiosks for use in betting shops, voting stations, hospital admissions, and hotel lobbies.

The interface options are TWAIN, or our proprietary API. This API is available for Linux and Windows OS's written in C++ and C#.

The cSCAN 8500-C has an A4 size form path. Service accessibility is simplified via a hinged transport design which allows total access to the rollers and lenses for cleaning and other preventative maintenance operations.

The cSCAN 8500-C comes standard with a simplex read-head. Options include either a 2nd read head to scan both sides of a form in 1 pass or a 1" thermal brander.

cSCAN 8500 Applications

The design of the cSCAN 8500 gives support to many data capture requirements

- Lotteries
- Totalisator Systems
- Promotional Games
- Bingo/Keno
- Medical Data Management
- Educational & Commercial Testing
- Election Systems
- Surveys
- Customer Satisfaction
- Registration Systems
- General Data Input

General Specifications

Scanner API:

Our Scanner API includes Optical Mark and barcode recognition libraries to quickly process a variety of custom forms. Sample code and source code of our test software is included to help your developers integrate quickly. This makes our scanner ideally suited for,

1. Education
2. Vote Tabulation
3. Medical Records
4. Gaming and Lottery
5. Document Management for Business and Government

Commercial Grade Reliability and Support

All Chatsworth Data scanners are built with commercial use in mind. Our 39+ years in the data capture business has enabled us to design and build the scanner that is ideally suited for long term use in a rigorous environment with minimal downtime. Our new cSCAN series image scanners bring value and competence to any system that will be required to operate in such conditions.

All of our products are backed by a company that prides itself on customer support and whose reputation for doing so is internationally recognized throughout the data capture industry.

When you require support or if you have any questions regarding our products, please contact us at anytime and we will be glad to assist you.

Paper Path:

The cSCAN 8500 Reader has a paper path that is easily accessible for clearing jams and cleaning the optic head. A simple hinged connection allows the upper assembly to open for complete access to the paper path

Communication Interface:

USB 1.1, 2.0 Driver-Windows, Linux

Scan Resolution:

200 DPI x 200 DPI

Scan Light Source:

Visible 660 nm red light, Dual row illumination for wrinkle removal

Feed Method:

Manual insertion with powered belt drive transport feed through. Software controlled, eject front or eject rear

Scanning Speed:

Up to 17.7 inches (45 cm) per second

Throughput:

Approx. 25-35 slips per minute

Form Size:

From 3.25" x 3" to 8.5" x 32.9"

Paper Weight:

18 to 100 lb. bond, ledger, index or OCR - .004 inches to .010 inches thick

Specifications subject to change without notice.

Optional Duplex Scanning:

Dual scan heads at 200DPI to scan both sides of a form in a single pass

Optional thermal brander:

1" thermal brander (right-top side)

Data Output:

Bit map image file—256 gray scale, Black & white

From Marking (Visible Red):

#2 Pencil
Blue or black ball point pen
Blue or black felt-tip pen
Pre-printed marks

Read Technique:

8.5", 200 DPI high speed CIS (Contact Image Sensor) using red LED (660nm) illumination

Power:

Universal power adapter
100 - 240 VAC input, 24VDC @ 2.7A output

Operating Conditions:

41 degrees to 113 degrees Fahrenheit
5 degrees to 45 degrees Centigrade
30% to 80% humidity, non-condensing

Weight:

8 lbs (3.6 kg)

Dimension:

11.75" w, 5.85" h, 6" d (without exit tray)
29.85 cm, 14.86 cm, 15.24 cm

11.75" w, 5.85" h, 13" d (with exit tray)
29.85 cm, 14.86 cm, 33 cm

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

For more information contact:

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ISO 9001

ABS Quality Evaluations



Certificate# 43619