

CHATSWORTH

cSCAN 6000-C

High Speed Desktop Image & OMR Scanner



- Scan forms from 3.25 - 4.1 inches wide (82.55 - 104 mm)
- USB 1.1, 2.0 compatible
- Simplex or Duplex CIS head option
- Optional 1" thermal brander
- Reads many variations of OMR form types and barcodes
- 200, 100 DPI bitmap image output in about a second
- Fast 17 inches per second scan
- Rugged design
- User serviceable
- CE, FCC approved

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

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

The *cSCAN 6000-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 small footprint, and lightweight/portability of this scanner lends itself well for use at retail counters, betting shops, workstation desktops, and general forms data capture on-the-go.

The interface options are TWAIN, or our proprietary API.

Our API has advanced features like, Deskew, Crop, B/W, Feed/Exit Control, Branding, Barcode Recognition and can contain up to 99 variants of OMR formats in 1 configuration for *FAST* data processing. This API is available for Linux and Windows OS's, written in C++ and .NET .

The *cSCAN 6000-C* has an A6 size form path. User 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 6000-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 6000-C Applications

The design of the *cSCAN 6000-C* does well to support data capture requirements for:

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

General Specifications

Scanner API:

Available for both Windows and Linux operating systems, our API provides the various tools necessary to process forms for Optical Mark/Barcode Recognition and general Image Data Capture making it ideally suited for:

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

Scan Resolution:

200 DPI, 256 gray scale

Paper Path:

The cSCAN 6000-C scanner has a paper path that is easily accessible for clearing jams and cleaning the CIS head. A simple hinged connection allows the upper assembly to open for complete access to the paper path

Feed Method:

Manual insertion with powered transport feed through, software controlled, eject front or eject rear

Scanning Speed:

Max 450mm (17.70"/sec)
Normal 350mm (13.78"/sec)

Throughput:

Approx. 22-30 cards per minute

Form Size:

Max width -104mm (4.1"), Min 82.55mm (3.25")
Max Length - 290mm (11.42")

Communication Interface:

USB 2.0, USB 1.1

Scan Technique:

Single red drop high speed CIS (Contact Image Sensor)

Output Format:

1 Bit (B/W), 8 Bit (256 Grayscale)
bmp image file (jpg, tiff, etc)

Form Marking:

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

Supported OS:

Windows 98,2000,XP
Linux (Redhat, Suse, Gentoo)

Power:

DC input: +24 volts @ 1.2 Amps (motor running)
2.4 Amps (Surge)

Operating Conditions:

0° C to +50° C (+32° F to 122° F)
10 to 85% relative humidity, non-condensing

Storage:

-25° C to +60° C (-13° F to 140° F)
5 to 95% relative humidity, non-condensing

Weight:

1.6 kg, (3.53 lb)

Dimensions:

(w/stacker) 169mm x 244mm x 170mm
6.65" x 9.60" x 6.69"

(w/o stacker) 112mm x 164mm x 170mm
4.41" x 6.46" x 6.69"

MTBF:

50,000 Hours (CIS only)

Optional features:

Duplex CIS Heads
Integrated Thermal Printer



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.



ISO 9001

Certificate# 43619

CHATSWORTH

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