

CHATSWORTH

cSCAN 6000-C

High Speed Desktop Image & OMR Scanner



The *cSCAN 6000-C* is an efficient method to process documents ranging from 104mm (4.09") to 82.55mm (3.25") in width, utilizing a bit mapped image format output via TWAIN and our *cSCAN* API interface. A form can be scanned and the data automatically transferred to the host program in less than one second using USB 2.0 communications.

Chatsworth Data Corporation 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, abstract and survey, vote tabulation, securities trading, 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 more robust design. The small footprint, lightweight, and portability of this scanner lends itself well for use on retail counters, gaming windows, workstations, desktops, etc.

The application interfaces is TWAIN, with the *cSCAN* API. The TWAIN also interfaces with many third-party software applications.

With application software the grayscale or black/white image can be accessed from the *cSCAN* API buffer and may be saved to the processed as a bmp, tiff, jpg, etc. file format.

In addition to the raw data file the scanner API will support the scanning of existing OMR forms with a traditional timing track and either .250in. or 5mm center to center spacing of the marking bubbles. The resulting output is converted to a data string and passed to your application.

The *cSCAN 6000-C* has an A6 form path. Accessibility is utilized via a hinged 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. A duplex unit is also available.

cSCAN 6000-C Applications

The flexibility of the *cSCAN 6000-C* is designed 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 optic 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



CHATSWORTH

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