

CHATSWORTH

cSCAN 6000-K

High Speed 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
- Available with or with out mounting bracket

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-K* 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 use in custom terminals or kiosks for use in betting shops, voting stations, hospital admissions, hotel lobbies and security access doors,

The interface options are TWAIN,

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-K* has an A6 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 6000-K* comes standard with a simplex read-head. Options include either a 2nd read head to scan both sides

cSCAN 6000-K Applications

The design of the *cSCAN 6000-K* 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

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-K 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 400mm(15.75"/sec)
Normal 350mm(13.78"/sec)

Throughput:

Approx. 22-30 cards per minute

Form Width:

Max 104mm (4.1"), Min 82.55mm (3.25")

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:

1.88 kg, (4.14 lb)

Dimensions:

119mm (H) x 149mm (W) x 110mm (D)
4.69" (H) x 5.87" (W) x 4.33" (D)

MTBF:

50,000 Hours (CIS only)

Optional features:

- Duplex CIS Heads
- Integrated Thermal printer
- Mounting bracket
- Bezel



cSCAN 6000-K shown with optional mounting bracket and bezel

CHATSWORTH

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