

PRODUCT DATA SHEET

Model 250 2D BarCode Reader

The affordable 2D and Magstripe
reader for Age/ID Verification.
Reads 3-track magstripe.



Standard Product Features

- High Performance 2 Dimensional (PDF 417) Bar Code Reading.
- Built-in High Performance 3 Track Magnetic Stripe Reader
- Small Footprint for Ease of use in all Checkout, Front End and Security sensitive Environments.
- Unique, Breakthrough 2D Barcode Reading Technology.
- Easy Operation, Simply insert and remove the 2D Encoded ID Card.
- Simple RS - 232 output is easily integrated into most software applications.
- Biometrics, including photo matching, is possible when Utilizing ID cards with biometrics encoded in the 2D Barcode.

Affordable Electronic Age Verification (EAV)

As more states and Federal Agencies standardize on the use of 2D Barcode as a method of encoding data on Drivers Licenses and other forms of ID, it is imperative that a reliable, low cost method of reading the code be available. The inherent advantages of 2D Barcode, including the ability to encode Biometric information, make the ability to efficiently read 2D Barcode not only desirable, but mandatory for applications requiring Age Verification, ID Validation and Security. The Model 250 additionally provides for the reading of ID cards through the transition phase as magnetic stripe cards are replaced with 2D Barcode versions. This solution is also ideal for POS environments as the Mag Stripe reader can also be utilized for swiping credit card information to process sales transactions.



Breakthrough Technology in 2D Barcode Reading

The E-Seek Model 250 2D Bar Code and Magnetic Stripe Reader provides a reliable and affordable business solution for Age Verification and transaction processing while concurrently reducing the risk inherent in face-to-face transactions. The E-Seek Model 250 reader combined with an Electronic Transaction or POS terminal solution provides a reliable, low cost method of Age Verification, ID Checking and transaction processing utilizing the benefits provided by the 2D Barcode. Additionally, this is a solution for today using the Mag Stripe that also becomes a solution for the long term as the 2D Barcode evolves to become a national standard for Drivers License and ID card data encoding. The Model 250 incorporates breakthrough technology and revolutionary decode software both designed and developed by E-Seek to provide a 2D Bar Code reader and Magnetic Stripe read capability unsurpassed in performance, ease of use and price as compared with any product available in the market today.

The Result - High Performance Accurate Reads AND Ease of Use for both 2D and MagStripe

The Model 250 provides the ability to add high performance 2D Barcode reading and Age Verification capability today at a truly affordable price thereby gaining protection for the retailer against potential infractions in age sensitive application environments. With the addition of the Model 250 the merchant can have a comprehensive Electronic Age Verification (EAV) capability today that is both affordable and long term. Additionally the Model 250 provides the accuracy and reliability required in Security and badge reading applications. There are simply no moving parts or motors to break or fail. The only movement required for the Model 250 is from the person's hand that inserts and removes the 2D encoded card or swipes the Mag Stripe.



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Model 250

2D BarCode Reader

The Model 250 includes the benefits of the Model 200 while adding the ability to read the magnetic stripe. All valid government issued drivers' licenses and ID cards can now be electronically read by one device. Airports, hotels, banks, check cashing facilities, etc. can now have electronic ID reading with one small add-on unit.



Product Specifications

PERFORMANCE CHARACTERISTICS

Decoder	Two Dimensional : PDF-417 Linear Barcodes : Code 39, Code 128
Card Operating Mode	Hands-free, Manual Insertion Of ID Card or MagStripe Swipe action
Interface	RS-232C Serial Port, RJ 45 - 10 Pin
Power Requirements	36 ma @ 5VDC - Idle; 400 ma Maximum

PHYSICAL CHARACTERISTICS

Dimensions	2.25" H x 2.64" W x 4.79" D
Weight	198 grams (7.0 oz)
Card Size	ISO Standard Size 2.125" (53.98 mm)x3.375" (85.73 mm)
Housing	ABS plastic in Black or OEM color

USER ENVIRONMENT

Operating Temperature	32 to 122° F (0 to 50° C)
Humidity	10% to 90%, non-condensing



www.e-seek.com

Sales & Marketing

245 Fischer Ave #D5
Costa Mesa, CA 92626
Tel: 714-545-3316
Fax: 714-545-3595

R & D Center

9471 Ridgehaven Court #E
San Diego, CA 92123
Tel: 858-495-1900
Fax: 858-495-1901