ACCU-SORT®

Model **9200**
Scanner Decoder Logic

MODEL 9200
DRX
Decoding Technology by Accu-Sort Systems

Accu-Sort's Model 9200 can handle input from two scan heads!

Accu-Sort continues to make every effort to satisfy its customer's needs. You expressed a need for a compact decoder that can handle input from two independent scan heads at a very competitive price. The Model 9200 DRX® decoder offers these features, a separate port for tachometer/photoeye connections, application dependent parameters, plus the advantages of DRX® Technology.

The Model 9200 DRX® Decoder provides two scan head ports that accept two separate code signals. A separate port is also available to connect a tachometer for product tracking, or a photoeye.

Total system control is available with the 9200 DRX® Decoder. Even though complete customized parameters are established by an Accu-Sort technician before shipment, you can change any application dependent parameters in the field. All settings are retained in non-volatile EEPROM. The decoder is

programmable through a CRT or PC. You can select baud rates, code types and lengths, minimum and maximum bar widths, communications protocol and more.

In the past, successful bar code reading required that each line pass through all of the code's bars and spaces in a single sweep. Any partial scans were wasted. Today, Accu-Sort's patented DRX® decoding uses partial scans to reconstruct the bar code with 100% accuracy. By using DRX® Technology, scans that pass through only a portion of the code are not wasted, the size and cost of the label can be significantly reduced and the scanning pattern can be simplified. DRX® Technology allows your system to read codes conventional decoders cannot.

The 9200 DRX® decoder is compatible with a wide range of Accu-Sort scan heads. Connect it to a Model 30 or 55 scan head to make a complete scanning system.
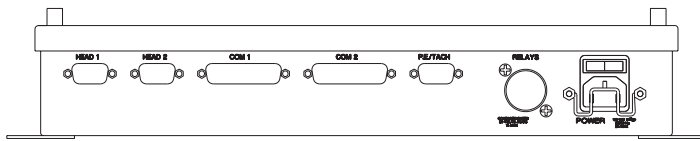
Typical applications include:
- *Distribution*
- *Manifest generation*
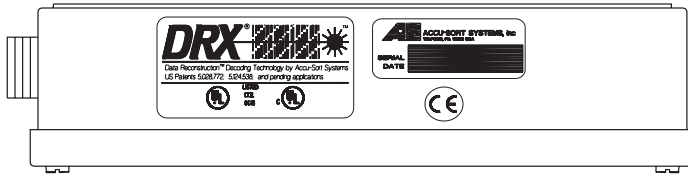- *Product counting*
- *Sorting systems*

OUTSTANDING FEATURES

▶ **Permits easy mounting due to its small size and light weight**

▶ **At-a-glance system performance monitoring via a 32-character LCD display and 12 LEDs**

▶ **Accommodates up to two scan heads for added economy and flexibility**

▶ **Decodes all major bar code symbologies**

▶ **Accu-Sort's patented DRX® Technology increases read rates and helps keep label costs down**
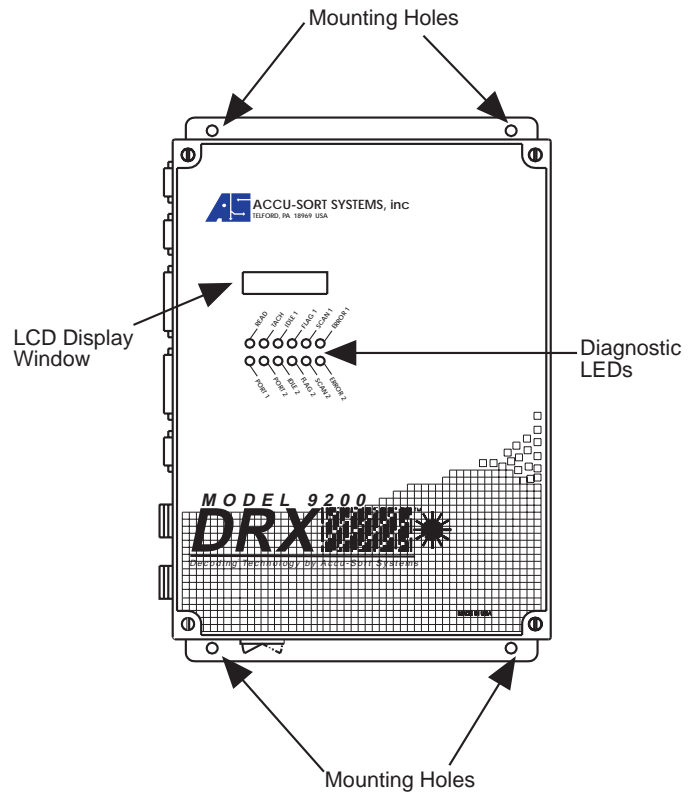
Solutions with vision®

Accu-Sort® Systems, inc. • 511 School House Road • Telford • PA • 18969

Connector Panel View

Mounting Holes

LCD Display Window

Diagnostic LEDs

ACCU-SORT SYSTEMS, inc
TELFORD, PA 18969 USA

DRX

Data Reconstruction™ Decoding Technology by Accu-Sort Systems
US Patents 5028772, 5104538 and pending applications

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SERIAL
DATE

CE

Side View

MODEL 9200
DRX
Decoding Technology by Accu-Sort Systems

Mounting Holes

Front View

Product
Specifications

Microprocessor:
TMS320C30 32-bit RISC with 74 nanosecond instruction cycle

Display:
2 x 16-character LCD

Memory:
2- 64K x 32 bit per processor
2 - 32K x 16 bit EPROM per processor (program memory)
8K EEPROM

Visual Diagnostics:
12 LEDs indicating processor status and communications status

Bar Code Types:
All major bar code symbologies

Connectors:
2 Serial I/O port
2 Scan head ports
Photoeye/Tachometer input
Relay output
Power

Size:
Length - 15.5" (39.4 cm)
Width - 10.8" (27.3 cm)
Height - 2.6" (6.6 cm)

Weight:
12.0 lb (5.5 kg)

Temperature Range:
32°-122°F (0°-50°C)

Relative Humidity:
10%-90% non-condensing

Enclosure:
NEMA 12

Power:
100/230 VAC
50/60 Hz
40 watt (maximum)

Communications:
RS-232C
RS-422
RS-485 multidrop
20mA current loop

Options:
2 Form "A" or "C" Relays

Approvals:
UL, cUL, CE

Service Options:
Installation assistance
On-site training

Warranty:
1-year limited, parts and labor

Accu-Sort reserves the right to change specifications without notice