



Accu-Sort's Model 9000 provides low-cost, high-speed linear decoding.

The Accu-Sort Model 9000 decoder breaks new ground. Never before has a leading manufacturer introduced an inexpensive decoder like the Model 9000 with performance characteristics that rival decoders costing twice as much.

The Model 9000 is designed to provide total system control. Now you can change any application-dependent feature in the field, as often as you like, without delay. All parameter changes are retained in non-volatile EEPROM. The logic is user-programmable through a terminal or PC. You can set baud rates, code types and lengths, and minimum and maximum bar sizes, communications protocol, and more. The Model 9000 adapts to the changing needs of your operations.

The decoder provides a cost effective solution to multiple head scanning systems. Each logic can decode data from any Accu-Sort remote scan head, even

those with scan rates over 1400 scans per second, for an inexpensive alternative to decoding data from high-speed scanners.

The Model 9000 enables you to readily detect system inconsistencies and correct them before they affect your operation. A 16-character LCD display offers clear visual diagnostics to monitor scanning performance during system operations.

In addition to decoding bar codes, the Model 9000 is capable of performing data collection and machine control functions. A single standard relay or two optional relays may be used to activate diverters, stop conveyors, or control caution lights.

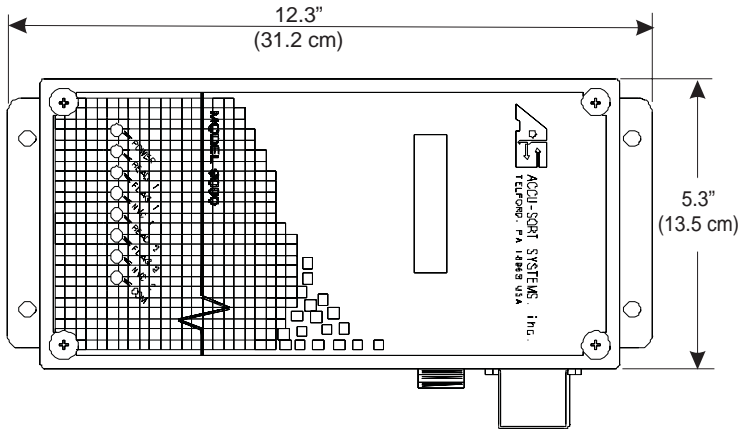
All the features and benefits of the Model 9000 can be realized in almost any environment. The standard NEMA 12 (I.P. 54) rated industrial enclosure is drip and dust proof. For wet and hostile environments, the decoder is available in a washdown stainless steel enclosure.

Typical applications include:

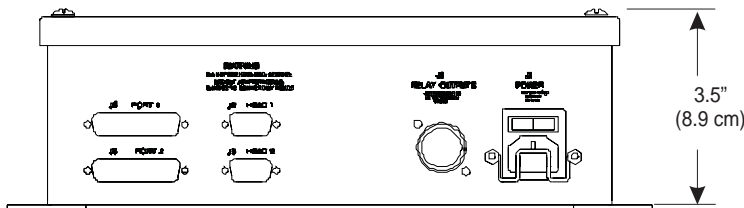
- Warehousing and distribution
- Verification
- Product sorting
- Product tracking

OUTSTANDING FEATURES

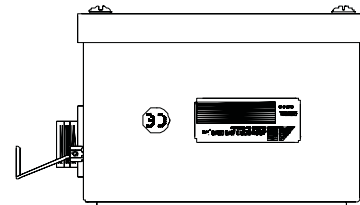
- ▶ Permits easy mounting due to its small size and light weight
- ▶ Allows at-a-glance of system performance monitoring via a 16-character LCD display
- ▶ Accommodates up to two scan heads for added economy and flexibility
- ▶ Decodes all major bar code symbologies
- ▶ Eight LEDs monitor system and scan head status



Top View



Side Connector Panel View



End View

31026co2.v01

Product Specifications

Microprocessor:

Intel 80C31

Preprocessor:

2 Accu-Sort Pre4 VLSI (clock speeds up to 40MHz)

Display:

16-character LCD (code data and number of valid reads)

Memory:

24K CMOS RAM
32K EEPROM

Visual Diagnostics:

Power,
2 Read 1/2
2 Flag 1/2
2 NVC 1/2
Communication

Bar Code Types:

All major 1D bar code symbologies

Connectors:

1 Serial I/O port
2 Scan head ports
Power
Form "A" relay output

Size:

Length - 12.3" (31.2 cm)
Width - 5.5" (14.0 cm)
Height - 3.8" (9.6 cm)

Weight:

6.0 lb (2.7 kg)

Temperature Range:

32°-122°F (0°-50°C)

Relative Humidity:

10%-90% non-condensing

Enclosure:

NEMA 12 standard

Power:

100/240 VAC
50/60 Hz
60 watt (maximum)

Communications:

RS-232C
RS-485 multidrop 20mA active or passive

Options:

Form "C" Relay
NEMA 4, 4X enclosure

Approvals:

CE, ETL

Service Options:

Installation assistance
On-site training

Warranty:

1-year limited, parts and labor

Accu-Sort reserves the right to change specifications without notice