ACCU-SORT®

XLT-200

Accu-Sort's XLT-200 has a unique scan pattern for excellent readability, even with specular reflection.

The Accu-Sort XLT-200 omnidirectional scanner provides a flexible and cost-effective solution for applications where high scan rates are not required.

The XLT-200 generates two overlapping patterns, which cover the same area from different angles of incidence. If a bar coded glossy surface is presented at an unreadable angle to one of the scan lines, the other scan line will read the code. Shiny labels, or those covered with shrink wrap, tape or other reflective material have generally presented a problem for bar code scanners. The XLT-200 scan pattern solves this problem.

Accu-Sort's patented DRX® (Data Reconstruction) technology uses partial scans to reconstruct bar codes with 100 percent accuracy. DRX enables low aspect ratio codes to be decoded and improves the read rate on damaged and poorly printed codes.

The TachTrac option tracks boxes as they pass through the scan pattern, matching codes to the correct box. This option allows package spacing as close as 2 inches for optimum throughput and productivity.

The single brushless DC motor/prism and all other optics are sealed in a separate compartment. Improved A/D circuitry increases depth of field and decodes low-contrast bar codes.

The XLT-200 is NEMA 12 rated to perform in harsh industrial environments. The unit has two serial ports, along with photoeye, tach and relay connections.

Diagnostics determine laser diode and motor status and check voltages and tachometer functionality.

LEDs for carton presence, power, tach and read/no-read make basic troubleshooting a breeze.

Typical applications include:
- Mail Order Distribution
- Parcel and Courier Services
- Retail Distribution
- Any application where laminated lables may be used

OUTSTANDING

FEATURES

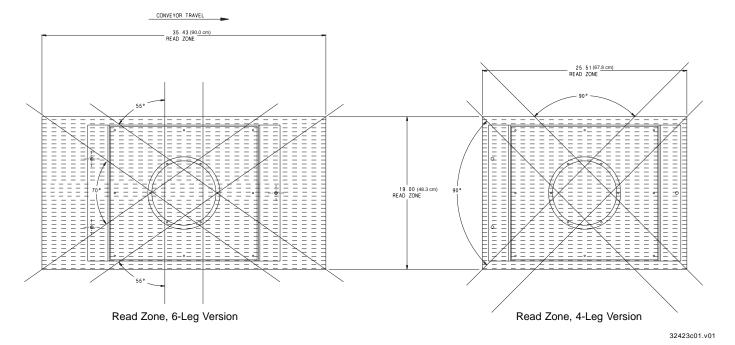▶ **Redundant scan pattern results in specular reflection immunity**

▶ **Two laser diodes for double depth of field without mechanical focusing**

▶ **Six scan directions for omnidirectional scanning of undersquare codes**

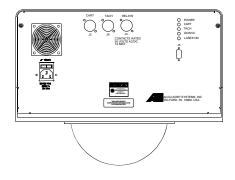▶ **Optional TachTrac allows package spacing as small as 2 inches**

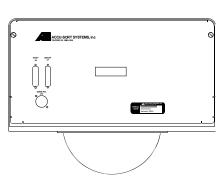▶ **Data and diagnostic messages are displayed on the 2 line-by-16 character backlit LCD display.**

Solutions with vision®

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

CONVEYOR TRAVEL

35.43 (90.0 cm)
READ ZONE

55°

70°

55°

Read Zone, 6-Leg Version

25.51 (67.8 cm)
READ ZONE

90°

19.00 (48.3 cm)
READ ZONE

90°

Read Zone, 4-Leg Version

32423c01.v01

CAUTION
LASER LIGHT
DO NOT STARE INTO BEAM
0.95 mW AT 630 - 700 nm
CLASS II LASER PRODUCT
COMPLIES WITH 21 CFR 1040

CART TACH RELAYS

POWER
CART
TACH
GO/NVC
LASER ON

CONTACTS RATED
30 VOLTS AC/DC
1A MAX

ACCU-SORT SYSTEMS, INC
TELFORD, PA 18969 USA

Front Connector Panel

ACCU-SORT SYSTEMS, inc
TELFORD, PA 18969 USA

HOST SETUP

Rear Connector Panel

Product Specifications

Scan Rate:
1000 Scans Per Second

Read Zones:
See above

Laser Type:
Visible laser diode 670nm

Visual Diagnostics:
Power, Laser On, Carton Presence,
Read/No Read, Tachometer

Bar Code Types:
Code 39, Interleaved 2 of 5, Code
128, UPC, and other standard codes

Connectors:
Start/End Presence Photoeye
Tachometer
Two Serial Ports
Two Form "C" Relays
Power

Size:
Length - 24.0" (61.0 cm)
Width - 16.9" (43.0 cm)
Height - 9.0" (22.8 cm)

Weight:
54 lb (25 kg)

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

Relative Humidity:
10%-90% non-condensing

Enclosure:
NEMA 12 (I.P. 54) standard

Power:
100/240 VAC
50/60 Hz
1.5 A startup, 0.5 A operating
(@115V)

Communications:
RS-232
RS-422
RS-485 multidrop
20 mA (Host Port Only)

Options:
Interface box with relays
Patented DRX (data reconstruction)
Raster mirror wheel
External vibrating vane raster

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

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