ACCU-SORT®

AdaptaScan

Field-Adjustable Bar Code Scanner

Line Scanner - Field Adjustable

Accu-Sort welcomes a familiar face to its comprehensive scanner family.

Accu-Sort has acquired the AdaptaScan as a valuable addition to its product line. Slotted in price and scanning performance between our Models 22 and 24, the unparalleled flexibility of the AdaptaScan makes it ideally suited for distribution channels and installations where several different scanner configurations are required under one roof.

Using the Windows™-based configuration software, scan pattern, focus and communication changes can be made to the AdaptaScan on-site in a matter of minutes, enabling the stocking of a generic spare to support many different applications.

The AdaptaScan is packaged in a compact, rugged, NEMA 4 rated cast-aluminum enclosure. The detachable wiring base provides watertight strain reliefs for cable entry, and terminal blocks for all electrical connections. This simplifies field wiring and allows the scanning unit to stay out of

harm's way during the installation process. When ready for use, the scanning unit plugs onto the wiring base and mounts with four screws, completing the NEMA 4 enclosure. Diagnostic LEDs built into the top of the scanning unit provide system status information at a glance.

The AdaptaScan has an extensive array of interfacing options, including DeviceNet, DH-485, DF1, and RS-232/422/485. Two optional solid-state I/O modules can be used for interfacing with a wide range of industrial equipment.

An array of AdaptaScans can be used in a peer-to-peer arrangement to allow for the sharing of input and output signals, and the routing of bar code data through one specific unit, eliminating the need for a separate multiplexer in many applications.
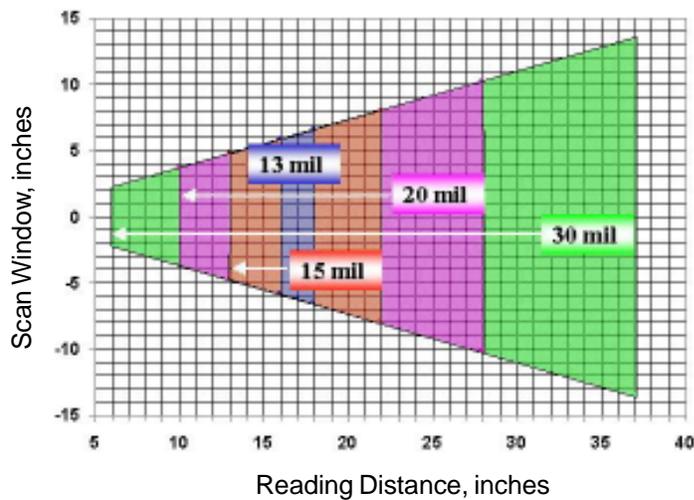
Typical applications include:
- *Package content verification and counting*
- *Product identification and sorting*
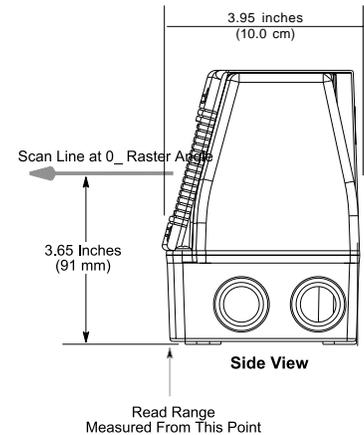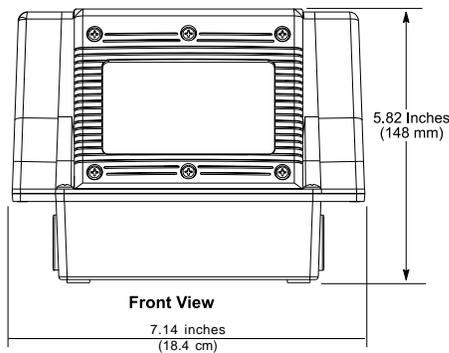- *Manufacturing and factory automation*

OUTSTANDING

FEATURES

▸ **Linear and raster scanning are both supported and can be adjusted online**

▸ **Automatic focus reduces setup time and optimizes scanner for a given installation**

▸ **Detachable wiring base simplifies installation; reader plugs into a connector on the base**

▸ **Integrated DeviceNet, DF1 and DH-485 communication protocols mean no costly interface drivers**

Solutions with vision

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

Reading Distance, inches

2755-SN5 (C Range Preset)

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

Front View
7.14 inches
(18.4 cm)

5.82 Inches
(148 mm)

3.95 inches
(10.0 cm)

Scan Line at 0_ Raster Angle

3.65 Inches
(91 mm)

Side View

Read Range
Measured From This Point

Product Specifications

Scan Rate:
300 scans per second (2755-SN3)
500 scans per second (2755-SN5)
800 scans per second (2755-SN8)

Depth of Field:
See above

Laser Type:
Visible laser diode 660nm

Visual Diagnostics:
On symbol, trigger/read, laser on,
network I/O (2),module

Bar Code Types:
All standard 1D symbologies

Terminal Block Connections:
Power
Package Detect
Communications
Parallel I/O (2)

Size:
Length - 3.95" (10.0 cm)
Width - 7.14" (18.4 cm)
Height - 5.82" (14.8 cm)

Weight:
4.6 lbs (2.1 kg)

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

Relative Humidity:
5%-95% non-condensing

Enclosure:
NEMA 4 standard

Power:
12-28 VDC
14 Watts (maximum)

Communications:
RS-232
RS-422
RS-485
DeviceNet
DH-485
DF1

Accessories:
Mounting Bracket Kit
110/220 Volt Power Supplies
Solid State I/O Modules

Approvals:
UL, cUL, CE

Warranty:
1-year limited, parts and labor