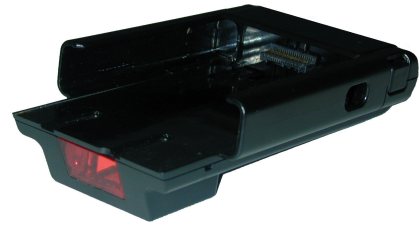


TOUGH-PC TDA BARCODE SCANNER

○ Highlights

- Capitalizing on the TOUGH-PC TDA's compact modular design, the 1D barcode scanner extends the usability of the device while fitting snugly into a cradle design that allows for pass-through power and synchronization capabilities.
- The highest performance decoded scan engine available from Symbol Technologies is built on fuzzy logic processing to deliver a new level of performance that supports Reduced Space Symbologies® (RSS) as well as existing 1D Symbologies.
- Optional tethered wrist-strap provides added safety feature against drops.
- Dimensions:
 - Weight: 4.544 ounces (.284 lbs)
 - Size: At base = 3.190" (W) x 4.502" (L) x 1.149" (H)
At scan engine = 1.806" (W) x 5.621" (L) x 1.751" (H)



○ Target markets - Application(s)

- Transportation and Logistics - Shipping and Receiving; Reads through automotive glass
- Medical - Clinical Analysis Equipment, Patient Verification & Management
- Retail - Kiosks, Inventory Management
- Warehousing - Inventory Management, Order Processing
- Industrial - Instrumentation, Work in Progress

Features	Benefits
High-performance reader with fuzzy logic decode capability	Premium scanning for all 1D codes including poorly printed, damaged or low contrast bar codes
Supports new RSS symbologies in addition to standard 1D symbols	Protects your investment without compromising form factor
Compact, single board design	Optimized for quick and easy integration
Simple Serial Interface (SSI) software	Provides a migration path to other SSI scan engines with advanced features/functionality to help you keep costs to a minimum
650 nm bright laser diode	Scan line is easy to see even in outdoor applications
Dual-scan angle switches from standard to narrow under software control	Offers fast, accurate bar code reading on menus and pick lists
Metal chassis	High shock rating for commercial, industrial or retail applications

TOUGH-PC TDA BARCODE SCANNER

Performance Characteristics

Light Source:	Visible Laser Diode 650 nm
Scan Rate:	35 (± 5) scans/sec (bi-directional)
Scan Angle:	42° (typical), 30° (narrow)
Scan Patterns:	Linear
Minimum Print Contrast:	Minimum 25% absolute dark/light reflectance measured at 650 nm
Symbologies:	UPC/EAN, Code 128, UCC.EAN128, RSS, Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI.
Programmable Parameters:	Laser On Time, Aim Duration, Power Mode, Trigger Mode, Bi-directional Redundancy, Symbology types/lengths, Data formatting, Serial Parameters, Beeper Tone, Scan Angle
Interfaces:	12 position ZIF connector. Symbol Standard SSI Interface with logic level serial data communications plus trigger, beeper, and decode LED signals

User Environment

Ambient Light:	Artificial: 450 ft. candles (4,844 Lux) Sunlight: 8,000 ft. candles (86,112 Lux)
Operating Temperature:	-22° to 140°F (-30° to 60°C) chassis temperature
Storage Temperature:	-40° to 158°F (-40° to 70°C)
Humidity:	5% to 95% non-condensing
Power:	SE 1224HP-I000A: 5 VDC SE 1224HP-I001A: 3.3 VDC Input Current: 140 mA typical Standby Current: 60 μ A
Shock:	2,000 G

Regulatory

Laser Classification:	Intended for use in CDRH /IEC 825 Class II devices
Electrical Safety:	UL, VDE, and CUL recognized component laser