

# jett•pack

## LASER SCANNER

Available for all PACK Ready  
JETT•XL® and JETT•eye™ units.

The JETT•PACK Laser Scanner contains a high performance scan engine which is capable of reading a wide variety of 1D barcodes. This device offers durability and reliability, all in a package that can easily be carried in a shirt pocket. The JETT•PACK Laser Scanner is ideal in applications where having the ability to read barcodes is not required on a regular basis and a modular solution is desired. When the barcode scanner is not required, it can be removed from the device.

Visit **PACK PLACE** at [www.2T.com](http://www.2T.com) to view other 2T PACK options for JETT products, or why not create a custom PACK?

For more information on PACK peripherals:  
[www.2T.com/peripherals.htm](http://www.2T.com/peripherals.htm)



### TECHNICAL SPECIFICATIONS @ 23°C

<b>BAR CODE SYMBOLOGIES</b>	<ul style="list-style-type: none"> <li>• Code 39 • UPC/EAN/JAN • MSI • Code 128</li> <li>• Code 9 • Codabar • Interleaved 2 of 5</li> <li>• Discrete 2 of 5 • RSS-14 • RSS-Limited/Expanded Stacked</li> </ul>
<b>SCAN REPETITION RATE</b>	<ul style="list-style-type: none"> <li>• 92 min., 104 typical, 116 max. scans/sec (bidirectional)</li> </ul>
<b>LASER POWER (AT 650 NM)</b>	<ul style="list-style-type: none"> <li>• 1.7 mW (± 0.2 mW) scan mode; 0.5 mW (± 0.05 mW) aim mode</li> </ul>
<b>OPTICAL RESOLUTION</b>	<ul style="list-style-type: none"> <li>• 0.004 in. minimum element width</li> </ul>
<b>PRINT CONTRAST</b>	<ul style="list-style-type: none"> <li>• Minimum 25% absolute dark/light reflectance measured at 650 nm.</li> </ul>
<b>SCAN ANGLE</b>	<ul style="list-style-type: none"> <li>• 47° ± 3° (Does not require margin on either side of the bar code to decode)</li> </ul>
<b>DECODE DEPTH OF FIELD</b>	<ul style="list-style-type: none"> <li>• Contact us for more information</li> </ul>
<b>CLASS 2 DECODE DISTANCES</b>	<ul style="list-style-type: none"> <li>• 2.2 to 30+ inches (depending on symbol size, symbology, label media, W-N Ratio, and scan angle)</li> </ul>
<b>LASER SAFETY</b>	<ul style="list-style-type: none"> <li>• IEC60825-1 Class 2</li> </ul>
<b>OPERATING TEMPERATURE (CHASSIS)</b>	<ul style="list-style-type: none"> <li>• -4° F to 140° F (-20° C to 60° C) (PACK only)</li> </ul>
<b>STORAGE TEMPERATURE</b>	<ul style="list-style-type: none"> <li>• -40°F to 158° F (-40° C to 70° C) (PACK only)</li> </ul>
<b>HUMIDITY</b>	<ul style="list-style-type: none"> <li>• 5% to 95% (non-condensing)</li> </ul>

Laser Scanner shown with  
PACK Ready JETT•XL®

### DIMENSIONS

#### LASER SCANNER PACK

• Weight:  
3.97 oz (112.54 g)

- Superior working range on all bar code densities
- Steady and crisp easy to view scan line
- 104 scans/second nominal
- Low power consumption that maximizes battery life
- Fast decode time: typical 40 milliseconds
- AIM mode for long range scanning
- Blink mode
- Flash upgradeable
- Remote scan engine diagnostics/status reporting capability built in

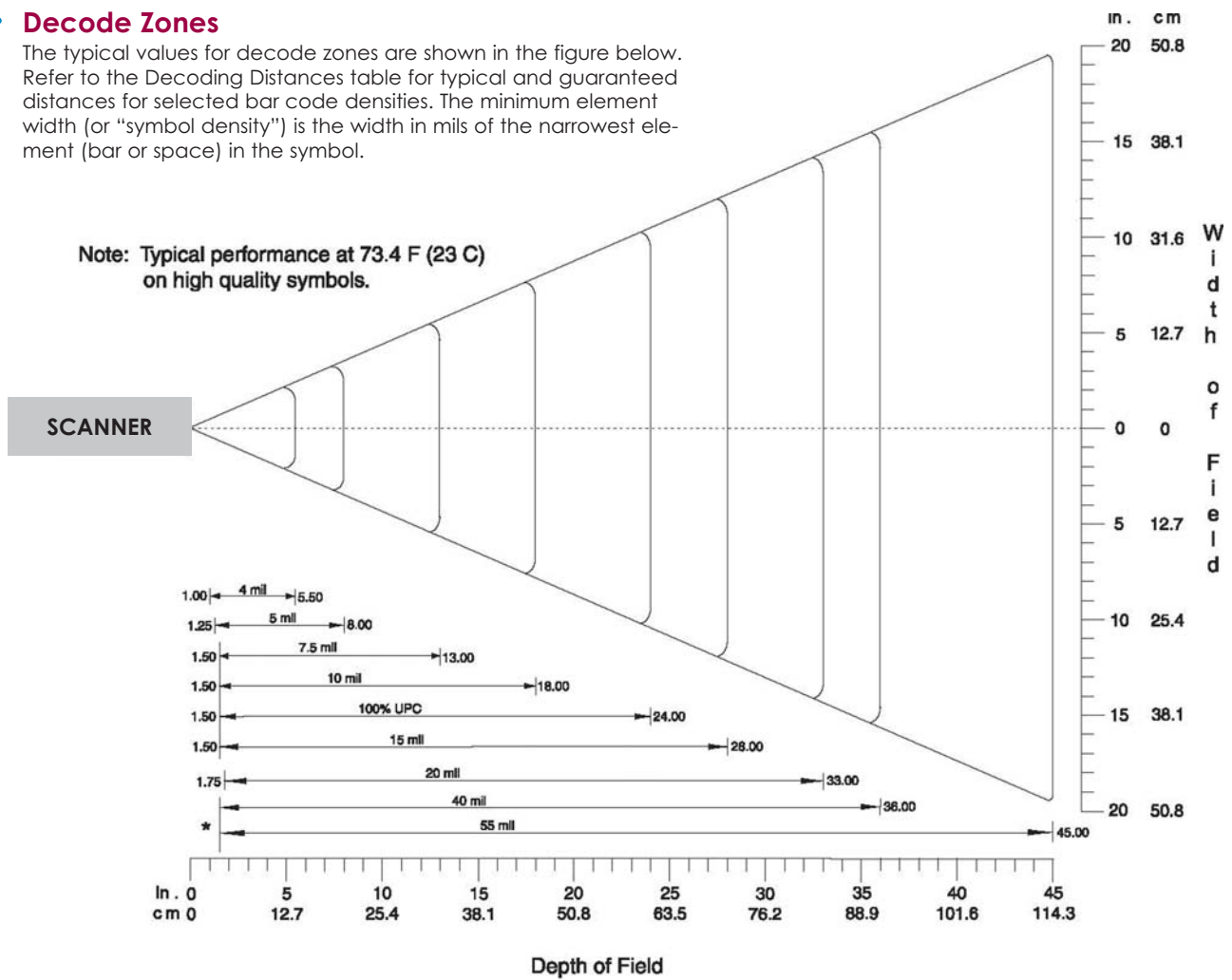


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## Decode Zones

The typical values for decode zones are shown in the figure below. Refer to the Decoding Distances table for typical and guaranteed distances for selected bar code densities. The minimum element width (or "symbol density") is the width in mils of the narrowest element (bar or space) in the symbol.



## Decode Distances

Symbol Density/ Bar Code Type/ W-N Ratio	Bar Code Content/ Contrast <sup>1</sup>	47 ° Typical Working Ranges		47 ° Guaranteed Working Ranges	
		Near	Far	Near	Far
<b>4.0 mil</b> Code 39; 2.5:1	<b>ABCDEFGH</b> 0% MRD	<b>1.00 in</b> 2.50 cm	<b>5.50 in</b> 13.97 cm	<b>2.20 in</b> 5.60 cm	<b>3.20 in</b> 8.13 cm
<b>5.0 mil</b> Code 39; 2.5:1	<b>ABCDEFGH</b> 0% MRD	<b>1.25 in</b> 3.18 cm	<b>8.00 in</b> 20.32 cm	<b>2.20 in</b> 5.60 cm	<b>5.50 in</b> 13.97 cm
<b>7.5 mil</b> Code 39; 2.5:1	<b>ABCDE F 80</b> MRD	<b>1.50 in</b> 3.81 cm	<b>13.00 in</b> 33.02 cm	<b>2.00 in</b> 5.08 cm	<b>9.50 in</b> 24.13 cm
<b>10 mil</b> Code 39; 2.5:1	<b>ABCDE 90%</b> MRD	<b>1.50 in</b> 3.81 cm	<b>18.00 in</b> 45.72 cm	<b>1.75 in</b> 4.45 cm	<b>14.00 in</b> 35.56 cm
<b>13 mil</b> 100% UPC	<b>12345678905</b> 90% MRD	<b>1.50 in</b> 3.81 cm	<b>24.00 in</b> 60.96 cm	<b>1.75 in</b> 4.45 cm	<b>18.00 in</b> 45.72 cm
<b>15 mil</b> Code 39; 2.5:1	<b>ABCD</b> 80% MRD	<b>1.50 in</b> 3.81 cm	<b>28.00 in</b> 71.12 cm	<b>1.75 in</b> 4.45 cm	<b>21.00 in</b> 53.34 cm
<b>20 mil</b> Code 39; 2.2:1	<b>123</b> 80% MRD	<b>1.75 in</b> 4.45 cm	<b>33.00 in</b> 83.82 cm	<b>x</b>	<b>27.00 in</b> 68.58 cm
<b>40 mil</b> Code 39; 2.2:1	<b>AB</b> 80% MRD	<b>x</b>	<b>36.00 in</b> 91.44 cm	<b>x</b>	<b>28.00 in</b> 71.12 cm
<b>55 mil</b> Code 39; 2.2:1	<b>CD</b> 80% MRD	<b>x</b>	<b>45.00 in</b> 114.30 cm	<b>x</b>	<b>34.00 in</b> 86.36 cm

Notes:

1. CONTRAST measured as Mean Reflective Difference (MRD) at 650 nm.
2. Near ranges on lower densities (not specified) are largely dependent upon the width of the bar code and the scan angle.
3. Working range specifications at ambient temperature (23°C), Photographic quality symbols, pitch=10°, roll=0°, skew=0°, ambient light < 150 ft-candles.
4. X - Dependent on width of bar code.
5. Distances measured from front edge of chassis.