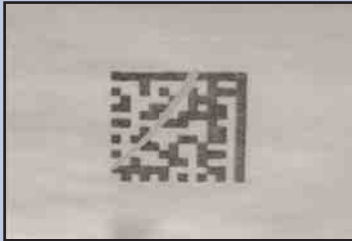
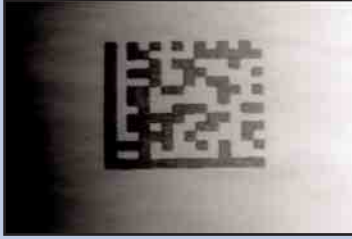
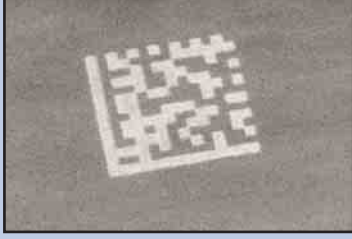


Sapera Processing 5.2: Barcode Tool

This report benchmarks the performance of Coreco Imaging's Barcode tool. The tests were run on an Intel® Pentium® 4, 2.2GHz with 512MB of memory (DDR 333) and running the Windows 2000® operating system.

The benchmarks are made on the images shown in the tables below. These images are available in the Sapera Processing 5.20 package.

Test 1: Data Matrix (ECC200) Barcode Decoding

| Reference Image | Barcode Tool Results |
|--|--|
| Image Size: 512x394 8-bit (1)  | 4.80ms Code Type: Data Matrix Decoded String: ABC12345 |
| Image Size: 512x394 8-bit (2)  | 23.53ms Code Type: Data Matrix Decoded String: ABC12345 |
| Image Size: 512x394 8-bit (1)  | 8.21ms Code Type: Data Matrix Decoded String: ABC12345 |

Test 2: Linear Barcode Decoding

| Reference Image | Barcode Tool Results |
|--|--|
| <p>Image Size: 796x410 8-bit (1)</p>  | <p>6.13ms</p> <p>Code Type: Codabar</p> <p>Decoded String: A899117930401A</p> |
| <p>Image Size: 515x466 8-bit (1)</p>  | <p>7.02ms</p> <p>Code Type: Code 128</p> <p>Decoded String: W8124237489</p> |
| <p>Image Size: 640x480 8-bit (1)</p>  | <p>8.05ms</p> <p>Code Type: EAN13</p> <p>Decoded String: 5011295020852</p> |
| <p>Image Size: 496x424 8-bit (1)</p>  | <p>3.85ms</p> <p>Code Type: UPCa</p> <p>Decoded String: 058808171002</p> |

Notes

Decoding performed on the whole image, no ROI specified.

1. All default parameters

2. All default parameters except local adaptive thresholding

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