
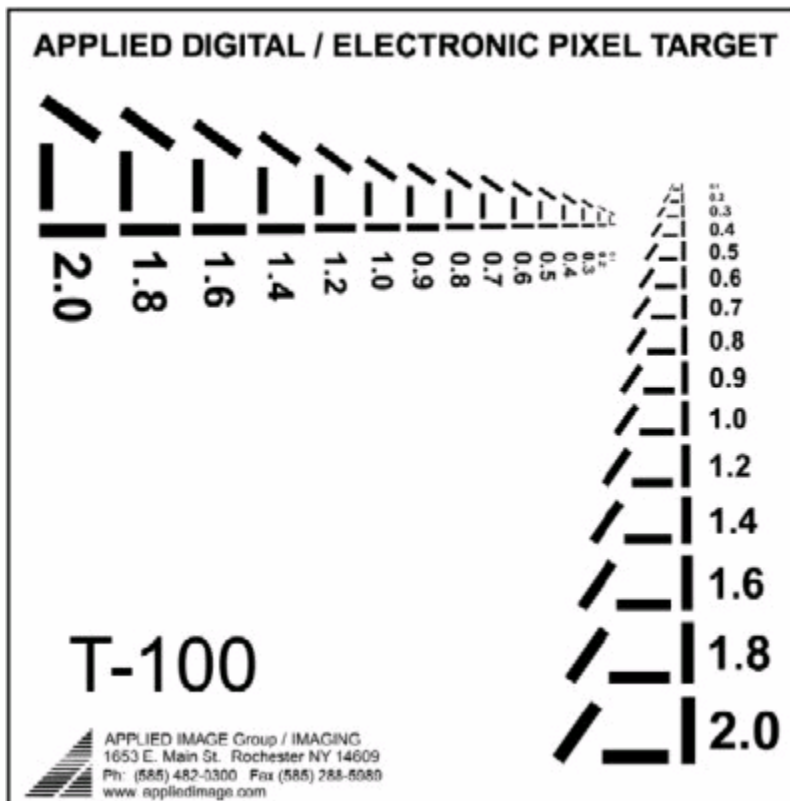


1653 East Main Street Rochester, NY 14609 USA Voice: 585.482.0300 FAX: 585.288.5989 imaging@appliedimage.com	<b>T-100</b> Digital Electronic Pixel Target Product Spec Sheet	<b>APPLIED</b> ® <b>IMAGE</b> Inc 
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Catalog Product Specifications

**Catalog Part #:** T-100-P-xx

**Name:** Digital Electronic Pixel Target

**Description:** A series of bars in reducing sizes. Each group consists of 3 bars, one each at 0, 90, and 20 (CW rotation) degrees. Each bar length to width ratio is 5:1.

Bar widths in groups are:

2.0, 1.8, 1.6, 1.4, 1.2, 1.0,


0.9, 0.8, 0.7, 0.6, 0.5, 0.4, 0.3, 0.2, 0.1 mm

The zero degree bars are laid out in a straight line with one edge flush, so that straight line scanning is possible.

The entire pattern is duplicated at 90 degrees.

**Substrate size:** 125mm x 125mm

Please contact Applied Image customer service at the address noted above, for custom images, shapes, and materials.

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Substrate type: T-100-P-CG: clear glass, 1.5mm and thicker.

T-100-P-OP: Opal Glass

T-100-P-TM: clear polyester

T-100-P-RM: white reflective photo paper

Image forming material: T-100-P-CG: evaporated chromium on glass

T-100-P-TM: Photographic emulsion

T-100-P-RM: Photographic emulsion

Polarity: positive, bars are black or opaque

Reading Direction: RREU

Image placement accuracy: 5 microns

Feature size accuracy: line width; 5 $\mu$ (chrome) 10 $\mu$ (emulsion)

Image Contrast/Density:

T-100-P-CG: chrome transmission optical density will exceed 2.0D.

T-100-P-RM: Reflection density will exceed 1.3D.

T-100-P-TM: Photo emulsion transmission optical density will exceed 2.0D.

History/ typical use: Checking response of digital systems to various line widths and pixel relationships to angled edges.

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