



[Knowledgebase](#) > [FAQs](#) > [Glossary](#) > [What is Data Matrix](#)

## What is Data Matrix

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Data Matrix is a 2D matrix symbology with a variable length and is capable of encoding all 128 ASCII characters and a number of different character sets. Each Data Matrix symbol consists of a perimeter quiet zone, border with two solid edges and two dashed edges and cells inside the border that are dark or light. The border's two solid lines with data cells are used for symbol identification, orientation and cell location. Data Matrix can accommodate up to 500 MB per square inch with a data capacity of 1 to 2335 characters. Data Matrix has a high degree of redundancy and resists printing defects.

500 MB per square inch is wrong