

2D Barcode Chart


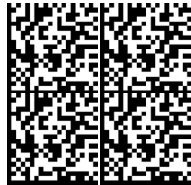

Data Matrix, QR Code, and GS1 DataMatrix are commonly used two-dimensional (2D) barcodes that can carry all GS1 keys and attributes. They can be applied to hold trade item information such as the GTIN, expiration date, serial number, or batch/lot number, etc.

Note 1: Globally for regulated Healthcare trade items GS1 DataMatrix is the only allowed 2D barcode.

Note 2: For Canadian Cannabis trade items GS1 DataMatrix is used.

Note 3: GS1 Digital Link URI can be used with native Data Matrix and QR Code.

Note 4: GS1 Digital Link URI syntax SHALL use the uncompressed form.

	QR Code (GS1 Digital Link URI)	Data Matrix (GS1 Digital Link URI)	GS1 DataMatrix
2D Barcode Symbology (With human readable)	 https://www.example.com/01/00068780000108/10/ABC123?17=301231	 https://www.example.com/01/00068780000108/10/ABC123?17=301231	 (01) 12345678901231 (11) 123456 (17) 987654
Symbology Identifier]Q1]d1]d2
Capacity Maximum (Depending on encoded data)	7089 numeric or 4296 alphanumeric	3116 numeric or 2335 alphanumeric	3116 numeric or 2335 alphanumeric
GS1 Keys	All GS1 keys per approved application		
Example Attributes	GTIN: (AI 01) 8-14 digits Expiration Date: (AI 17) yymmdd Batch/Lot: (AI 10) alpha-numeric		
	<i>GS1 General Specifications Reference in section 3.2 "GS1 Application Identifiers in numerical order" https://ref.gs1.org/standards/genspecs/</i>		