



GS1 2D Barcodes

GS1 DataMatrix and GS1 QR Code are "2D Matrix" symbols that can carry all GS1 keys and attributes. It can be applied to hold trade item information such as the item expiry date, serial number or batch/lot number. The 2D symbols can also be used to specify the 'extended packaging URL' in support of mobile phone scanning applications.

Note: For regulated healthcare trade items GS1 DataMatrix is the only allowed 2D barcode.

	GS1 DataMatrix	GS1 QR Code
	 (01) 0 9501101 53000 3 (17) 150119 (10) AB-123	 (01) 0 9501101 53000 3 (8200) http://example.com
Symbol id]d2]Q3
Capacity	3116 Numeric capacity, 2335 Alphanumeric capacity	7089 Numeric capacity 4296 Alphanumeric capacity
Omnidirectional?	n/a (yes)	n/a (yes)
GS1 Keys	All GS1 keys per approved application	All GS1 keys per approved application
Attributes?	Yes (expiry date 19-January-2015, batch/lot AB-123)	Yes (in example Extended Packaging URL)