The Microscan Quadrus EZ™
2D Code Reader

Size/Data Comparison Chart
For Data Matrix ECC 200 Symbology*

Symbol Size	Data Capacity		5 mil Examples	7.5 mil Examples	10 mil Examples	15 mil Examples
Row x Column	Numeric	Alphanumeric				
10 x 10	6	3	1.27 mm	1.90 mm	2.54 mm	3.81 mm
12 x 12	10	6	1.52 mm	2.29 mm	3.05 mm	4.57 mm
14 x 14	16	10	1.78 mm	2.67 mm	3.56 mm	5.33 mm
16 x 16	24	16	2.03 mm	3.05 mm	4.06 mm	6.10 mm
18 x 18	36	25	2.29 mm	3.43 mm	4.57 mm	6.87 mm
20 x 20	44	31	2.54 mm	3.81 mm	5.08 mm	7.62 mm
22 x 22	60	43	2.79 mm	4.19 mm	5.59 mm	8.38 mm
24 x 24	72	52	3.05 mm	4.57 mm	6.10 mm	9.14 mm
26 x 26	88	64	3.30 mm	4.95 mm	6.60 mm	9.91 mm
32 x 32	124	91	4.06 mm	6.10 mm	8.13 mm	12.19 mm
36 x 36	172	127	4.57 mm	6.86 mm	9.14 mm	13.72 mm
40 x 40	228	169	5.08 mm	7.62 mm	10.16 mm	15.24 mm
44 x 44	288	214	5.59 mm	8.38 mm	11.18 mm	16.76 mm

Data capacity information for additional Data Matrix symbol sizes

Square

Symbol Size	Data Capacity	
Row x Column	Numeric	Alphanumeric
48 x 48	348	259
52 x 52	408	304
64 x 64	560	418
72 x 72	736	550
80 x 80	912	682
88 x 88	1152	862
96 x 96	1392	1042
104 x 104	1632	1222
120 x 120	2100	1573
132 x 132	2608	1954
144 x 144	3116	2335

Rectangular

Symbol Size	Data Capacity	
Row x Column	Numeric	Alphanumeric
8 x 18	10	6
8 x 32	20	13
12 x 26	32	22
12 x 36	44	31
16 x 36	64	46
16 x 48	98	72

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* Each Data Matrix shown is a square matrix. Symbols are for size reference only. Scale is 1:1.