





\*Chart is for ECC200 level symbology

SYMBOL SIZE	DATA CAPACITY (NUMERIC)	DATA CAPACITY (ALPHA-NUMERIC)	TOTAL SIZE BASED ON ELEMENT SIZE (Examples below are approximate element sizes; all 18x18)			
						
			5mil (.127mm)	7.5mil (.191mm)	10mil (.254mm)	15mil (.381mm)
SQUARE						
10 X 10	6	3	1.27 mm <sup>2</sup>	1.90 mm <sup>2</sup>	2.54 mm <sup>2</sup>	3.81 mm <sup>2</sup>
12 X 12	10	6	1.52 mm <sup>2</sup>	2.29 mm <sup>2</sup>	3.05 mm <sup>2</sup>	4.57 mm <sup>2</sup>
14 X 14	16	10	1.78 mm <sup>2</sup>	2.67 mm <sup>2</sup>	3.56 mm <sup>2</sup>	5.33 mm <sup>2</sup>
16 X 16	24	16	2.03 mm <sup>2</sup>	3.05 mm <sup>2</sup>	4.06 mm <sup>2</sup>	6.10 mm <sup>2</sup>
18 X 18	36	25	2.29 mm <sup>2</sup>	3.43 mm <sup>2</sup>	4.57 mm <sup>2</sup>	6.87 mm <sup>2</sup>
20 X 20	44	31	2.54 mm <sup>2</sup>	3.81 mm <sup>2</sup>	5.08 mm <sup>2</sup>	7.62 mm <sup>2</sup>
22 X 22	60	43	2.79 mm <sup>2</sup>	4.19 mm <sup>2</sup>	5.59 mm <sup>2</sup>	8.38 mm <sup>2</sup>
24 X 24	72	52	3.05 mm <sup>2</sup>	4.57 mm <sup>2</sup>	6.10 mm <sup>2</sup>	9.14 mm <sup>2</sup>
26 X 26	88	64	3.30 mm <sup>2</sup>	4.95 mm <sup>2</sup>	6.60 mm <sup>2</sup>	9.91 mm <sup>2</sup>
32 X 32	124	91	4.06 mm <sup>2</sup>	6.10 mm <sup>2</sup>	8.13 mm <sup>2</sup>	12.19 mm <sup>2</sup>
36 X 36	172	127	4.57 mm <sup>2</sup>	6.86 mm <sup>2</sup>	9.14 mm <sup>2</sup>	13.72 mm <sup>2</sup>
40 X 40	228	169	5.08 mm <sup>2</sup>	7.62 mm <sup>2</sup>	10.16 mm <sup>2</sup>	15.24 mm <sup>2</sup>
44 X 44	288	214	5.59 mm <sup>2</sup>	8.38 mm <sup>2</sup>	11.18 mm <sup>2</sup>	16.76 mm <sup>2</sup>
48 X 48	348	259	6.10 mm <sup>2</sup>	9.17 mm <sup>2</sup>	12.19 mm <sup>2</sup>	18.29 mm <sup>2</sup>
52 X 52	408	304	6.60 mm <sup>2</sup>	9.93 mm <sup>2</sup>	13.21 mm <sup>2</sup>	19.81 mm <sup>2</sup>
64 X 64	560	418	8.13 mm <sup>2</sup>	12.22 mm <sup>2</sup>	16.26 mm <sup>2</sup>	24.38 mm <sup>2</sup>
72 X 72	736	550	9.14 mm <sup>2</sup>	13.75 mm <sup>2</sup>	18.29 mm <sup>2</sup>	27.43 mm <sup>2</sup>
80 X 80	912	682	10.16 mm <sup>2</sup>	15.28 mm <sup>2</sup>	20.32 mm <sup>2</sup>	30.48 mm <sup>2</sup>
88 X 88	1152	862	11.18 mm <sup>2</sup>	16.81 mm <sup>2</sup>	22.35 mm <sup>2</sup>	33.53 mm <sup>2</sup>
96 X 96	1392	1042	12.19 mm <sup>2</sup>	18.34 mm <sup>2</sup>	24.38 mm <sup>2</sup>	36.58 mm <sup>2</sup>
104 X 104	1632	1222	13.21 mm <sup>2</sup>	19.86 mm <sup>2</sup>	26.42 mm <sup>2</sup>	39.62 mm <sup>2</sup>
120 X 120	2100	1573	15.24 mm <sup>2</sup>	22.92 mm <sup>2</sup>	30.48 mm <sup>2</sup>	45.72 mm <sup>2</sup>
132 X 132	2608	1954	16.76 mm <sup>2</sup>	25.21 mm <sup>2</sup>	33.53 mm <sup>2</sup>	50.29 mm <sup>2</sup>
144 X 144	3116	2335	18.29 mm <sup>2</sup>	27.50 mm <sup>2</sup>	36.58 mm <sup>2</sup>	54.86 mm <sup>2</sup>
RECTANGULAR						
8 X 18	10	6	1.0x2.3 mm	1.5x3.4 mm	2.0x4.6 mm	3.0x6.9 mm
8 X 32	20	13	1.0x4.1 mm	1.5x6.1 mm	2.0x8.1 mm	3.0x12.2 mm
12 X 26	32	22	1.5x3.3 mm	2.3x5.0 mm	3.0x6.6 mm	4.6x9.9 mm
12 X 36	44	31	1.5x4.6 mm	2.3x6.9 mm	3.0x9.1 mm	4.6x13.7 mm
16 X 36	64	46	2.0x4.6 mm	3.1x6.9 mm	4.1x9.1 mm	6.1x13.7 mm
16 X 48	98	72	2.0x6.1 mm	3.1x9.2 mm	4.1x12.2 mm	6.1x18.3 mm