



Accu-Time Systems, Inc. 420 Somers Rd., Ellington, CT 06029

## ATS Fingerscan Offerings – Specifications

	<b>E-Field Sensor</b>	<b>Capacitive Sensor</b>
<b>Template Size</b>	Different formats for 1:1 and 1:n templates: 1:1 is 384 bytes 1:n is 2352 bytes	Same template used for both: 1:1 is 784 bytes 1:n is 784 bytes
<b>Local Template Capacity</b>	1:1 = 4000 Templates 1:n = 200 Templates	<i>1:1 and 1:n:</i> 1200 (2 Meg version) 9000 (8 Meg version)
<b>Resolution</b>	250 dpi	500 dpi
<b>Response Time</b>	150 templates in 1:n mode in <1 second	500 templates in 1:n mode in <1 second
<b>Allowable Finger Rotation</b>	1:1 and 1:n = ± 12 deg.	1:1 = ± 180 deg. 1:n = ± 54 deg.
<b>ESD Resistance</b>	IEC 61000-4-2 level 3 (± 8KV)	IEC 61000-4-2 level 4 (± 15KV)
<b>Operating Temperature Range</b>	0 to +60 deg. C.	0 to +55 deg. C
<b>False Acceptance Rate (FAR)</b>	0.1% (one finger)	0.01% to 0.0001%
<b>False Rejection Rate (FRR)</b>	0.1%	0.1% to 0.001%

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