

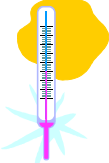







XPLORE TESTING SUMMARY

A key component of Xplore's rugged iX104C2 family of Tablet computing systems is the level of third party Military Standard testing that is undertaken.

Xplore's rugged products undergo testing and validation based on "The **Military Standard for Environmental Testing and Engineering Guidelines** (MIL-STD-810F)". MIL-STD-810F is used for determining the effects of natural and induced (man-made) environments on products intended for use in harsh outdoor or mobile environments. It includes guidance for accelerated or aggravated testing during the design process to assess product suitability for the environmental conditions anticipated throughout its life cycle. All Departments and Agencies of the U.S. Department of Defence approve it for use.

It is important to note that although companies may claim MIL STD 810F design elements, Xplore has documented these test parameters and results, and warranties its products to these published specifications.

More importantly, Xplore has deployed thousands of its rugged systems to customers worldwide and is recognized in the industry as an innovative leader in this field. Xplore's rugged Pen-based products have been tested in real life applications as Xplore's global family of satisfied customers rapidly expands across a variety of vertical markets.

	DESCRIPTION	TEST	RESULT
	Temperature/Humidity Cycling The iX104 must operate while cycling repeatedly to specified temperature extremes	Operating Temp. – High Operating Temp -Low Storage Temp – Low Storage Temp – High Humidity <i>Methods:</i> 501.4/502.4, 507.4	-20° C or -4°F 60° C or 140° F -40° C or -40° F 75° C or 167° F 0-95% RNC
	Vibration and Shock Units are tested and designed to withstand sudden impacts and crashes. This test simulates 500 miles of off road use.	Operate: Figure 5.14.5c-17 Composite Wheeled Vehicle Non Operate: Integrity test Shock: Operate and Non Operate <i>Methods:</i> 514.5, 516.5	1.60-2.18 grms(v,l,h) vary frequencies Avg. 8 grms 20g-40g, Term. Sawtooth
	Enclosure Class IP67 (iX104 C2, C2D, C2V) Designed to withstand dust, dirt, humidity and immersion	Immersion: Sand & Dust: <i>Methods:</i> 506.4, 510.4, 512.4	Immerse in 30cm of water for 30 minutes. 1.5m/s to 8.9 m/s wind speed
	Drop Test Up to 4' drop to concrete all surfaces, edges and corners	Transit Shock <i>Method:</i> 516.5	4', concrete, all surfaces and corners – 26 drops
	Salt Fog Embedded in paint coatings used in magnesium housing	Exposure to Salt Fog Environments <i>Method:</i> 509.4	5% Saline for 48 hours – 2 cycles
	Safety Rating & Certs.	Safety ratings Certifications	IEC 60950 (replaces UL 1950) FCC Part 15, Class B, CISPR 22, EN55022; EN 50082-1
	Enhanced Safety Certifications (iX104C2, C2D, C2V)	Hazardous Materials Testing and Certifications – for use in potentially combustible environments	UL 1604, Class I Division II, Zones A, B, C and D
	Electro Static Discharge The iX104 is subjected to repeated static discharge that represents worst case static which can develop in a real environment		20Kv (IEC 1000-4-2)

More details contact:

Antares Corporation Pty Ltd • 02 9557 6711 • email: sales@antares.com.au • www.antares.com.au