Reliability Laboratory

TEST REPORT

Report No.: HC20128/2010
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Date: March 12, 2010

i-Tech Company LLC
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CA 94539 USA

The following merchandise was submitted and identified by the vendor as:

Product Description:	24" Ruggedized Military LCD Monitor
Style/ Item No.:	WMRM2400
Quantity:	Total 1 set
Testing Period:	Mar. 5, 2010 to Mar. 8, 2010

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)
1 .Storage Low Temperature test

Test Results： -PLEASE SEE ATTACHED SHEETS-

Terence Hsieh
Manager - Operation

1. Storage Low Temperature test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-D6S-150	3499

Lab Environmental Conditions:

Ambient temperature: 25±3℃

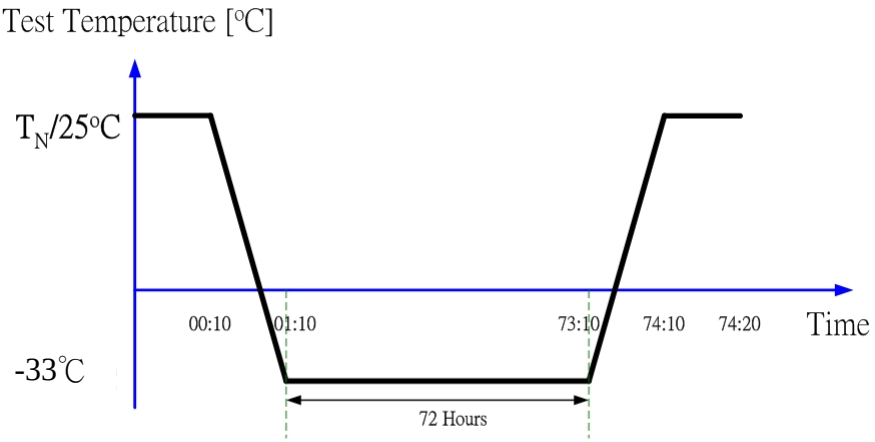
Relative humidity: 55±20%RH

Test Method/ Specification:

Test method: Reference to MIL-STD-810G, Method 502.5 Test Selecting Produces: Procedure I, Storage, Mild Cold (C0), Table 502.5-I. (Summary of Low temperature diurnal cycle range)

Temperature: -33℃

Test duration: For a period of 72 Hours



Note : Normal ambient temperature T_N

Test Method/ Specification--Continued:

- Sample condition: Storage
- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Connect the specimen with rated power then examine whether the display function of specimen could be work normally or not.
- After the preconditioning time, the temperature cycle is started at normal ambient temperature T_N and run as shown in Fig.1. The equipment in its low (Cold) temperature mode, shall exposed to daily low temperature cycles between 72 Hours at -33°C. The equipment shall withstand the required environmental conditions and shall meet, without any functional damage, all performance requirements after being exposed to 1 cycles of low temperatures, as illustrated in Figure 1. Performance check: Running Window XP with stress software BCM diagnostics Pro version 2.30.

Specimen:

Style/ Item No.： WMRM2400/ No. 1
Quantity： total 1 set

Test Result:

Check Item / Style/Item No.	Appearance check (Visual check)	Functional Check & Performance Check
WMRM2400/ No. 1	No visible damage	Normal

Test Photos:

	
1. Appearance of specimen (WMRM2400)	2. Appearance of specimen (WMRM2400)
	
3. Appearance of specimen (WMRM2400)	4. Appearance of specimen (WMRM2400)
	
5. Appearance of specimen (WMRM2400)	6. Appearance of specimen (WMRM2400)

Test Photos--Continued:

	
7. Storage Low Temperature Test	8. Storage Low Temperature Test
	
9. Functional check	10. Functional check

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