



Reliability Laboratory

TEST REPORT

Report No.: HCD0174/2008
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Date: December 23, 2008

WINMATE COMMUNICATION INC.
9 F, NO. 111-6, SHING-DE RD.,
SAN-CHUNG CITY, TAIPEI,
TAIWAN, R.O.C.

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

Product Description: 15" Full IP65 LCD Monitor
Style/ Item No.: R15L600-65XXXX/ No. 1
Quantity: total 1 set
Testing Period: Dec. 17, 2008

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.)

Test for Degrees of Protection Provided by Enclosures

IP Code	IPX5
First characteristic numeral	Omitting
Second characteristic numeral	Degrees of protection against ingress of water

Test Results: - PLEASE SEE ATTACHED SHEETS -

Terence Hsieh
Asst. Manager

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Test for Degrees of Protection Provided by Enclosures:

Test Equipment:

Name	Brand	Model	Serial No.
IPX5 Water Jet Hose Nozzle Set	PTL	P03.26	5050565

Lab Environmental Conditions:

Ambient temperature: 25±3°C

Relative humidity: 55±20%RH

Test Method/ Specification:

Test method: According to IEC 60945:2002, section 12.1 and IEC 60529 Edition 2.1: 2001-02--IPX5

Test means: Spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as specified in test standard.

Sample condition: Operating

Internal diameter

of the nozzle: 6.3 mm

Delivery rate: 12.5 l/min ±5%

Distance from nozzle

to enclosure surface: between 2.5 m and 3 m

Core of the substantial

stream: circle of approximately 40 mm diameter at 2.5 m distance from nozzle

Test duration: 3 minutes

- Examine the protection against ingress water of specimen after this test.
- Perform functional check and performance 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.
- Performance check: Running Windows XP with stress software BCM Diagnostics Pro version 2.30.

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Specimen:

Style/ Item No.: R15L600-65XXXX/ No.1

Quantity: 1 set


Test Result:

Degree of protection against ingress of water (IPX5)

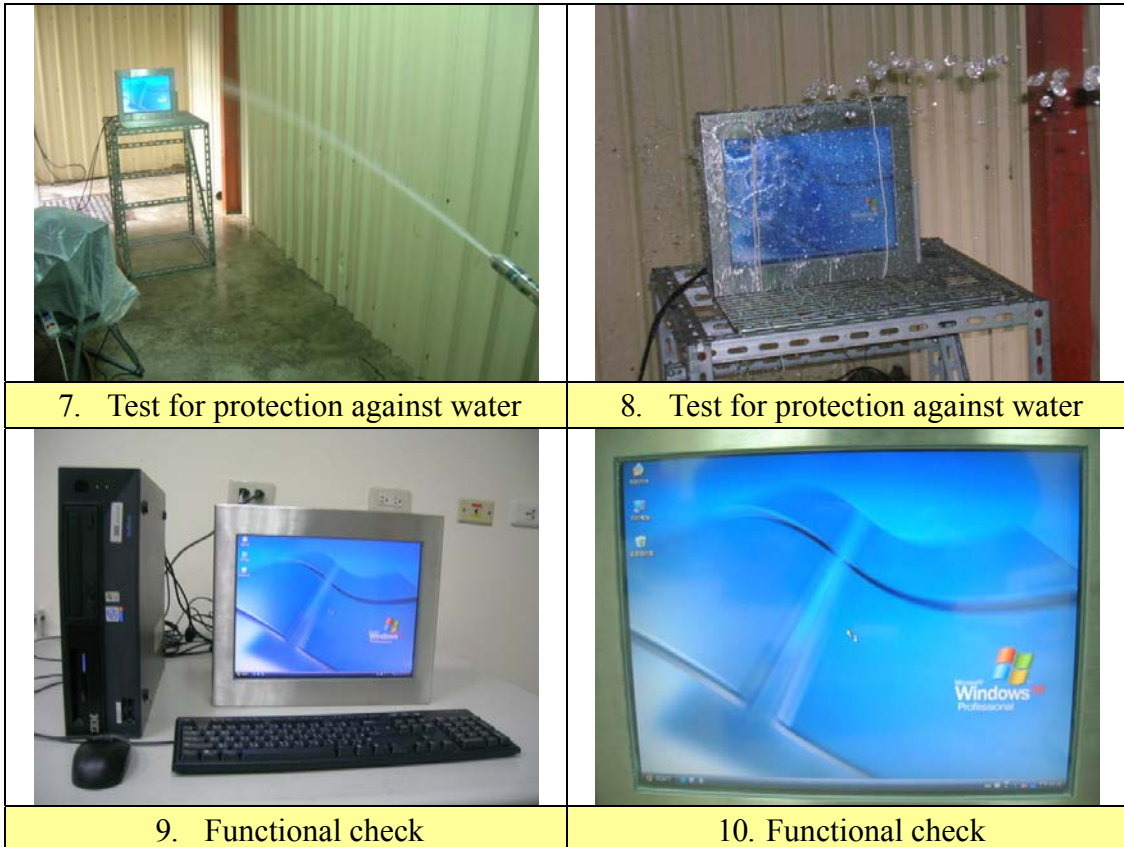
Test Result		
Check Item	Style/ Item No.	
	R15L600-65XXXX/ No. 1	
1	Provide protection against ingress water?	Yes
2	(followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts?	N/A
3	Functional check & Performance Check	Normal

Note 1: N/A means "Not Applicable".
 Note 2: The check items in this test report for inspecting the degree of protection provided by enclosures are reference to the requirements specified in IEC 60529 Edition 2.1: 2001-02 and in accordance with the acceptance conditions specified by client.

Test Photos:

	
<p>1. Appearance of specimen (R15L600-65XXXX)</p>	<p>2. Appearance of specimen (R15L600-65XXXX)</p>
	
<p>3. Appearance of specimen (R15L600-65XXXX)</p>	<p>4. Appearance of specimen (R15L600-65XXXX)</p>
	
<p>5. Appearance of specimen (R15L600-65XXXX)</p>	<p>6. Appearance of specimen (R15L600-65XXXX)</p>

Test Photos--continued:



— — — **The End of Test Report** — — —