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 Issue Date : Jul.14, 2011

TEST REPORT

Rep. No. : 11-07-VAA-041
 Applicant : Advantech Co.,Ltd.
 Address : No.1, Alley 20, Lane 26, Rueiguang Road, Neihu
 District, Taipei, Taiwan 114, R.O.C.
 Commodity : IPC
 Model : Main Model: WOP-2100T
 Series Model: WOP-X₁X₂X₃X₄X₅(Consult Page 2)
 Quantity : 1 set
 Date of Receipt : Jul.12, 2011
 Date of Testing : Jul.14, 2011
 Test specification : IEC60529 Edition 2.1 2001-02
 Ambient Environment : Temp. 21 ±2 °C, R.H. 64 ±1 %
 Testing Item : IP66
 Test condition & result : Satis factory see the following sheets

General remarks :

The test results presented in this report relate only to the object tested.
 This report shall not be reproduced, except in full, without the written approval of the
 Issuing testing laboratory.

Approved by : _____
 Vincent Lin



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Testing Item : IP66

Testing Conditions :

IP6X:

- (1) Maximum depression of 2kPa(20mbar).
- (2) The total duration of test is 8 hr.

IPX6:

- (1) Internal diameter of the nozzle: 12.5 mm.
- (2) Delivery rate: 100 l/min ±5%.
- (3) Distance from nozzle to enclosure surface :
between 2.5 m and 3 m.
- (4) The duration of test is 3 min.

Testing Result :

Request/Experiment	Results	Remark
Accordance with IEC60529 13.4 and 13.6 test.	There is no trace of dust inside.	IP6X
After testing in accordance with appropriate requirements of IEC60529 14.1.14.2.6 and 14.3	There is no trace of water inside.	IPX6

Definition of Variable :

Variable:	Range of Variable:	Content:
Model : WOP-X ₁ X ₂ X ₃ X ₄ X ₅		
X ₁	may be 2, 3	Monitor function mode
X ₂ ~X ₃	may be 08, 10	LCD Size 08:8" 10:10.1"
X ₄	may be 0, 1, 2	Application
X ₅	may be V, T	Out put port
There is no deviation in casing configuration in each,it is no affection to the test result.		

Cermate Model

Variable:	Range of Variable:	Content:
Model : X ₁ X ₂ -X ₃ X ₄ X ₅		
X ₁ X ₂	may be PT,PK,PX	Monitor function mode
X ₃ ~X ₅	may be 080,084,100,104	LCD Size
There is no deviation in casing configuration in each,it is no affection to the test result.		

Tested by : _____

Kengy Yen



TEST REPORT

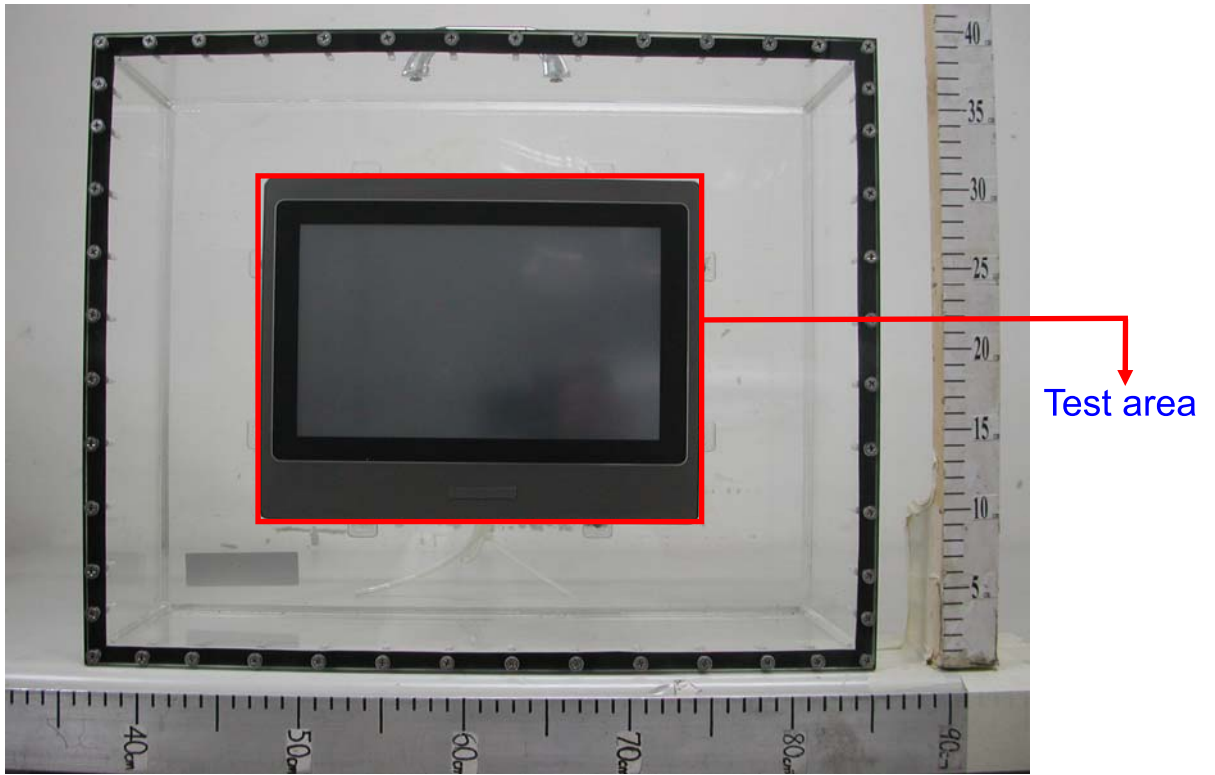
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Utilized testing equipments 試驗設備列表

Test Mode 測試項目	Kind of Instrument 設備名稱	Manufacturer 製造商	Model Serial No. 型號,序號或其它資訊	Due Date 下次校驗日期
IP1X	Test sphere(50mm)試驗球	Fimko Lab.	IEC60529/Tab.6 A	2011/11/04
IP2X	Test sphere(12.5mm)試驗球	Fimko Lab.	IEC60529/Tab.6 B	2012/11/03
IP3X	Test rod,2.5mm(D)x100mm(L)試驗棒	Fimko Lab.	IEC60529/Tab.6 C	2012/11/03
IP4X	Test rod,1mm(D)x100mm(L) 試驗棒	Fimko Lab.	IEC60529/Tab.6 D	2012/11/03
√	IP5~6X TESTING T1-16 DUST TEST CHAMBER	TESTING	IEC60529/Figure.2	2012/05/04
	IPX1~2 Drip Box 滴水試驗裝置	PTL	IEC60529/Figure.3	2011/10/24
	IPX3~4 Oscillating Tube 灑水及濺水試驗裝置	PTL	IEC60529/Figure.4	2011/10/24
√	IPX5~6 Hose Nozzle 對噴流保護檢測用試驗裝置	PTL	IEC60529/Figure.6	2011/10/24
	IPX7~8 Water Butt 水桶	達峯塑膠		N/A
	High-pot tester 耐壓機 (HP1)	Good will	GPT-515AD	2011/10/28
	Digital Insulation Tester 絕緣電阻計	Hioki	3119-11	2011/10/21
√	Stop watch 馬錶	Casio	HS-3	2011/08/31
	Leakage Current Tester 洩漏電流表	Simpson	228	2012/04/10
	High-pot tester 耐壓機 (HP2)	EXTECH	7410	2012/03/13

Main Model : WOP-2100T



IPX6 Test



There is no trace of water inside.



There is no trace of water inside.



IP6X Test



IP6X Test



There is no trace of dust inside.



There is no trace of dust inside.

