

TEST REPORT

報告號碼: HC80125A/2010

頁數:

of

日期:

August 20, 2010

彩富電子股份有限公司 台北市內湖區洲子街 116 號

以下產品由客戶提供並確認規格如下:

產品名稱:

防爆型網路球型攝影機外殼

產品型號/編號:

NH220/No.1

數量:

共1件

測試執行日期:

Aug. 13, 2010 to Aug. 16, 2010

備註:

(客户聲稱) NH221, NA222, NV222, NH223, NV223 及 NA223 使用相同外殼

我們依照客戶要求,根據客戶送交之樣品進行測試,結果如下:

委託測試要求:(依照客戶提供之測試規格進行試驗,詳細內容請參照附頁。)

外殼保護程度試驗

IP碼	IP66
第一數字碼	防止觸及危險部位及外來固體異物之保護等級
第二數字碼	防水保護等級

測試結果:

一如附頁所示-

Signed for and on behalf of

謝哲宏 營運經理

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外殼保護程度試驗:

試驗設備:

名稱	廢牌	型號	序號
1.0 mm 測試棒	ED&D	TRP-02	B0050180
電子式拉壓力計	ALGOL	HF-50	HF-106764
耐塵試驗機	T-MACHINE	TMJ-9723C	T-23-050411
IPX6 噴流水管噴嘴套件組	PTL	P03.28	5040045

實驗室環境條件:

環境溫度:

25±3℃

相對濕度:

55±20%RH

試驗方法/規格:

試驗規範:

依照 IEC 60529 Edition 2.1: 2001-02 之 IP66 試驗方法

1. 防止觸及危險部位之保護試驗:

試驗方法:

IEC 60529 Edition 2.1: 2001-02--IP6X

將直徑 1.0 mm、長 100 mm 之測試棒以 IEC 60529 Edition 2.1: 2001-02 中表 6 所示之測試施加力量向樣品外殼開口部壓住或插入。檢查試驗棒

尖端與待測物之外殼內危險帶電/危險機械轉動部位之間是否有接觸。

測試施加力量:

1 N±10%

2. 防止外來固體異物之保護試驗:

試驗方法:

IEC 60529 Edition 2.1: 2001-02--IP6X (砂塵試驗)

砂塵種類:

滑石粉

砂塵置放量:

2 kg

試驗室容積:

 1 m^3

最大抽取負壓:

-20 mbar

測試時間:

8小時

試驗後檢查待測物外殼之內部是否有進塵之情形。

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試驗方法/規格--續:

3. 防水保護試驗:

試驗方法:

IEC 60529 Edition 2.1: 2001-02 ≥ IPX6

噴嘴內徑:

12.5 mm

水流率:

100 ε/min ±5%

噴水孔至待測物

表面距離:

2.5 m 至 3 m

水流之大小:

噴嘴前端 2.5 m 處之水流直徑約 120 mm

試驗時間:

3分鐘

試驗後檢查待測物外殼之內部是否有進水之情形。



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代測樣品:

型號/編號:

NH220/No.1

數量:

共1件

測試結果:

A. 防止觸及危險部位及外來固體異物之保護等級(IP6X)

1.1 以上網及各除部位>促雜討除(IP6X)

樣品型號/編號
NH220/ No.1
否
N/A
N/A

A-2 防止外來固體異物之保護試驗(IP6X)

	試驗結果	
	ルキエロ	樣品型號/編號
檢查項目		NH220/ No.1
1 待涯	则物外殼內部是否有粉塵進入?	否

註 2:上述檢查項目係參考 IEC 60529 Edition 2.1: 2001-02 試驗要求並依照客戶提供之判定準則實施。

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<u>測試結果--續:</u> B. 防水保護等級(IPX6)

試驗結果				
检查項目		樣品型號/編號 NH220/ No.1		
				1
2	(續1) 電線或電氣元件附近是否有水滯留?	N/A		
2.1	(續 2) 外殼內部浸水時,是否足以阻礙內部器具正常動作及安全之虞?	N/A		
2.2	(續 2.1) 是否於沿面距離之絕緣物表面附著有產生電 弧軌跡之虞的水分?	N/A		
2.3	(續 2.2) 導致未被設計為在潮濕情形下可運轉之帶電 部或繞組受潮?	N/A		
主 1	N/A 表示不適用。			

註 2:上述檢查項目係參考 IEC 60529 Edition 2.1: 2001-02 試驗要求並依照客戶提供之判定準則實施。

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試驗照片:



樣品外觀: 1. NH220



2. 防止觸及危險部位之保護試驗



防止觸及危險部位之保護試驗



防止外來固體異物之保護試驗 4. (防塵試驗)



防止外來固體異物之保護試驗 (防塵試驗)

5.

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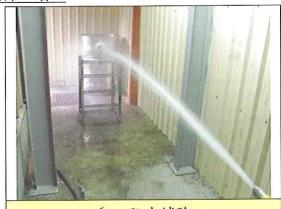
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試驗照片--續:







7. 防水試驗

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