



ELECTRONICS TESTING CENTER, TAIWAN  
 ADDRESS: NO.8 LANE 29, WENMING RD., LESHAN TSUEN,  
 GUISHAN SHIANG, TAOYUAN COUNTY 33383, TAIWAN  
 TEL:03-3280026 FAX:03-3276175  
<http://www.etc.org.tw>

Page: 1 of 10Pages  
 Issue Date : Dec.23,2008

# TEST REPORT

Ind. Ser. No. : 08-12-VAA-082  
 Applicant : HENTEL COMMUNICATION CO.,LTD.  
 Address : No.6, Alley 19, Lane 49, Kuo Ching Rd., Pan-Chiao City,  
 Taipei-Hsien 220, Taiwan  
 Commodity : Keypad  
 Model : HT-330-3 、 HT-436 、 HT-436-1 、 HT-696-2 、 HT-696-9  
 Quantity : 5 sets  
 Date of Receipt : Dec.19,2008  
 Date of Testing : Dec.19,2008  
 Test specification : According to Applicant's Spec.  
 IEC60529 Edition 2.1 2001-02  
 Ambient Environment : Temp. 21 ± 2 °C , R.H. 64 ± 1 %  
 Testing Item : IPX7  
 Test condition & result : 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 :           Daniel Geh          

\*\*\*\*\*





# TEST REPORT

Ind. Ser. No. : 08-12-VAA-082

Page: 2 of 10

\*\*\*\*\*

**Testing Item :** IPX7

**Testing Conditions :**

In accordance with IEC60529

- (1) Put the testing sample under water 1 m.
- (2) The duration of the test is 30 min.

※After the test, normal function has to be checked in stead of ingress of water .

**Testing Result :**

Request/Experiment	Results	Remark
After testing in accordance with appropriate requirements of IEC60529 14.1,14.2.7and14.3	The function is normal	HT-330-3,HT-436,HT-436-1 ,HT-696-2,HT-696-9

*kengy*

\_\_\_\_\_  
Tester



# TEST REPORT

Ind. Ser. No. : 08-12-VAA-082

Page: 3 of 10

\*\*\*\*\*

## Utilized testing equipments 試驗設備列表

Test Mode 測試項目	Kind of Instrument Precision Class 設備名稱	Manufacturer 製造商	Model Serial No. 型號,序號或其它資訊	Scan Data 下次校驗日期
IP1X	Test sphere(50mm)試驗球	Fimko Lab.	IEC60529/Tab. 6 A	2009/11/04
IP2X	Test sphere(12.5mm)試驗球	Fimko Lab.	IEC60529/Tab. 6 B	2009/11/04
IP3X	Test rod,2.5mm(D)x100mm(L)試驗棒	Fimko Lab.	IEC60529/Tab. 6 C	2009/11/04
IP4X	Test rod,1mm(D)x100mm(L) 試驗棒	Fimko Lab.	IEC60529/Tab. 6 D	2009/11/04
IP5~6X	PTL P14.41 DUST TEST CHAMBER.	PTL	IEC60529/Figure. 2	2009/10/21
IPX1~2	Drip Box 滴水試驗裝置	PTL	IEC60529/Figure. 3	2009/07/24
IPX3~4	Oscillating Tube 灑水及濺水試驗裝置	PTL	IEC60529/Figure. 4	2009/07/24
IPX5~6	Hose Nozzle 對噴流保護檢測用試驗裝置	PTL	IEC60529/Figure. 6	2009/07/24
√	IPX7~8	Water Butt 水桶	達峯塑膠	N/A
		High-pot tester 耐壓機 (HP1)	Good will	GPT-515AD
		Insulation Tester 絕緣電阻計 (IT2)	Yokogawa	2406
√		Stop watch 馬錶	Casio	HS-3
		Leakage Current Tester 洩漏電流表	Simpson	228
		High-pot tester 耐壓機 (HP2)	EXTECH	7410
√		Steel ruler 鋼尺	Endo Keiki	1000 mm



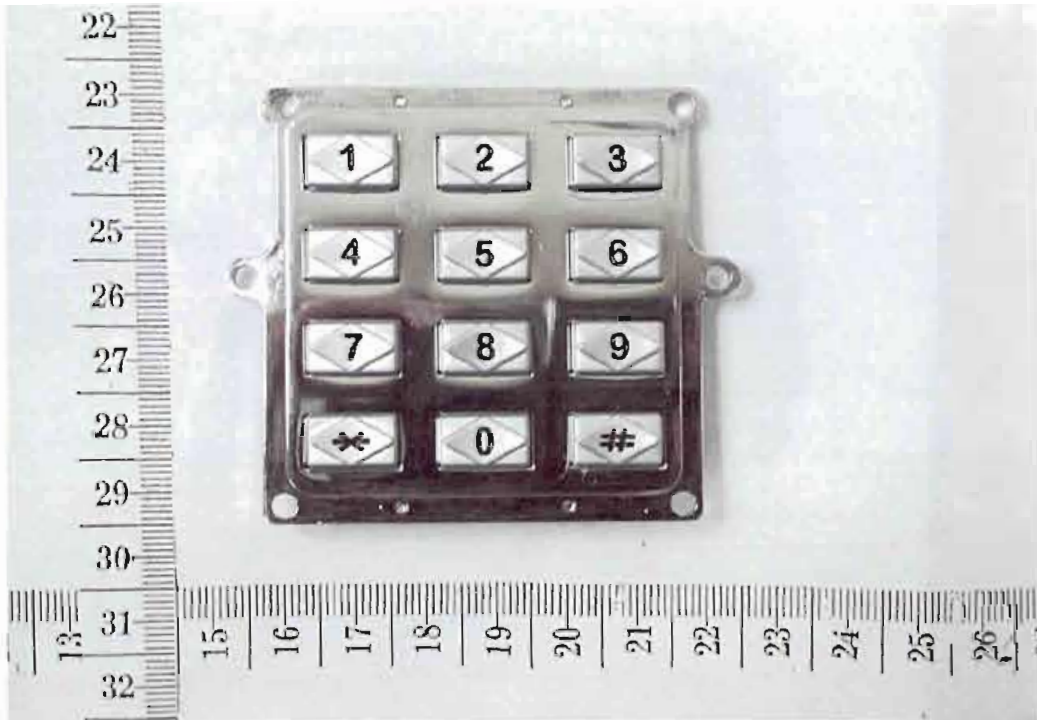
# TEST REPORT

Ind. Ser. No. : 08-12-VAA-082

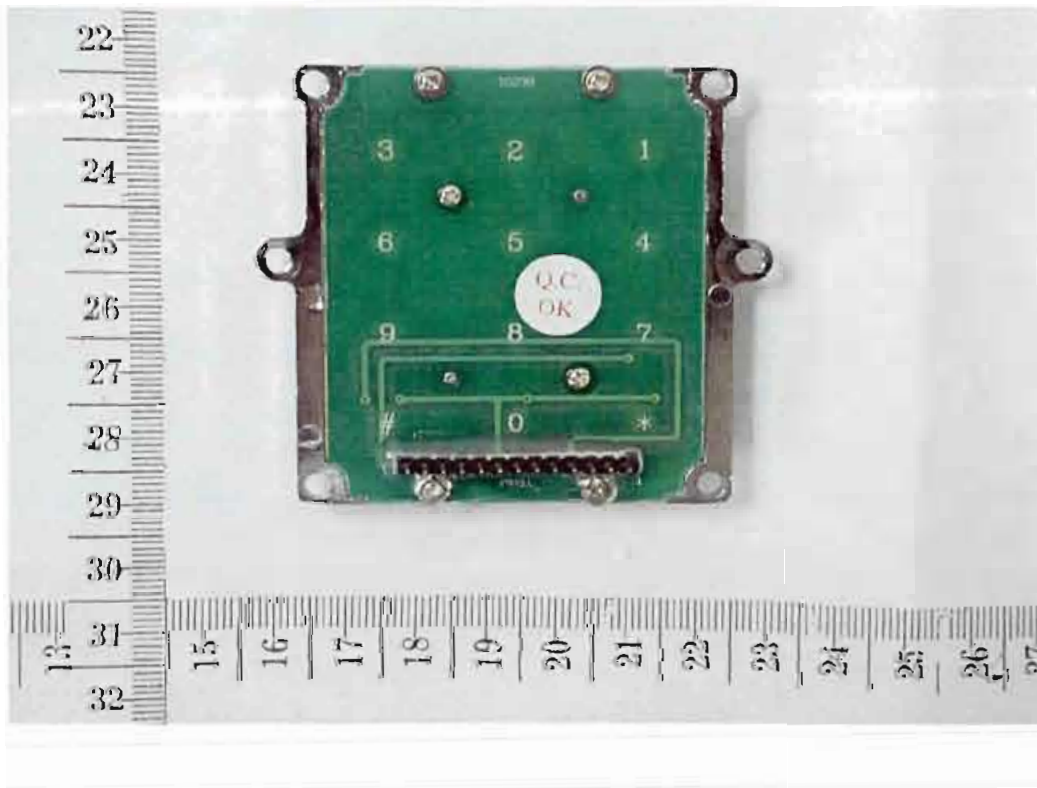
Page: 4 of 10

\*\*\*\*\*

Model : HT-330-3

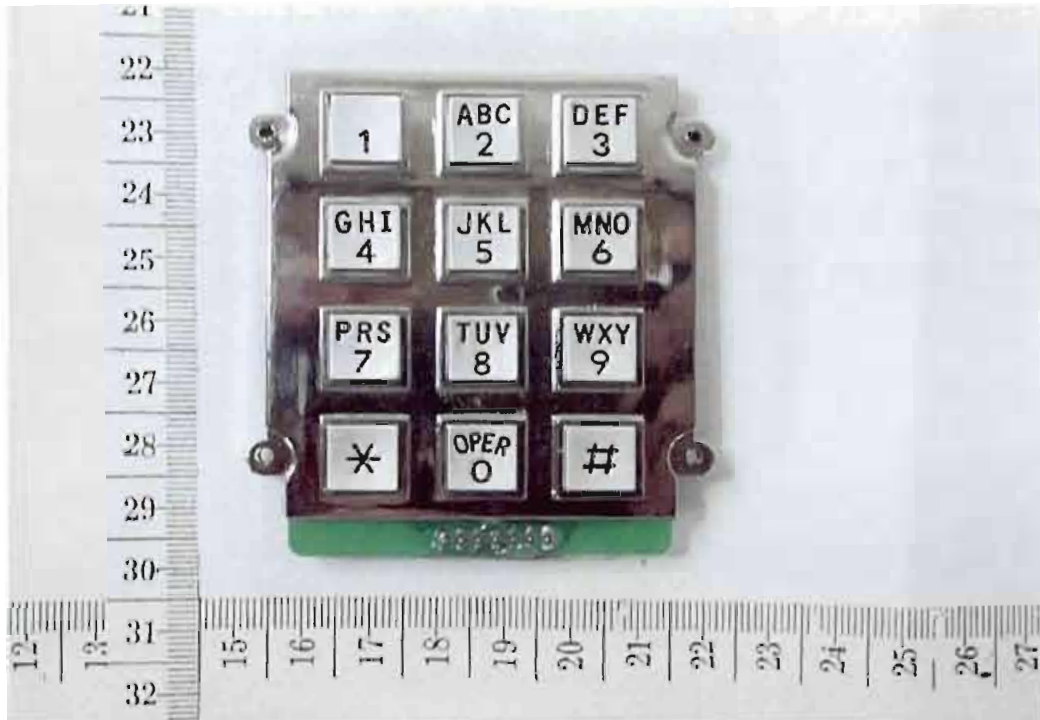


Model : HT-330-3

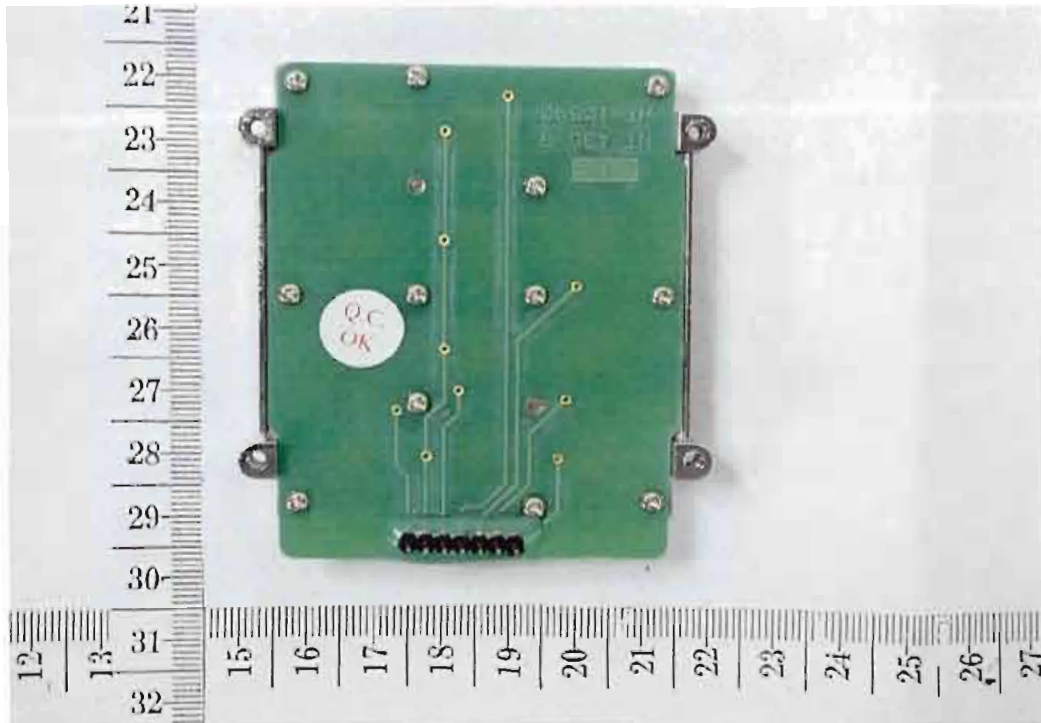


\*\*\*\*\*

Model : HT-436

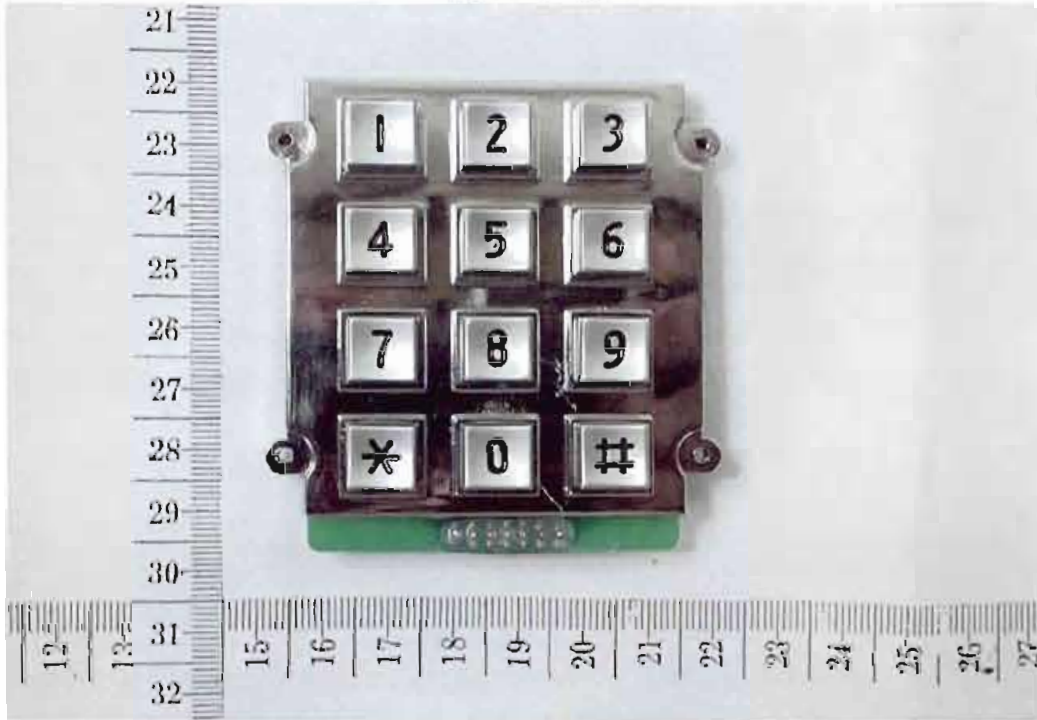


Model : HT-436



\*\*\*\*\*

Model : HT-436-1



Model : HT-436-1

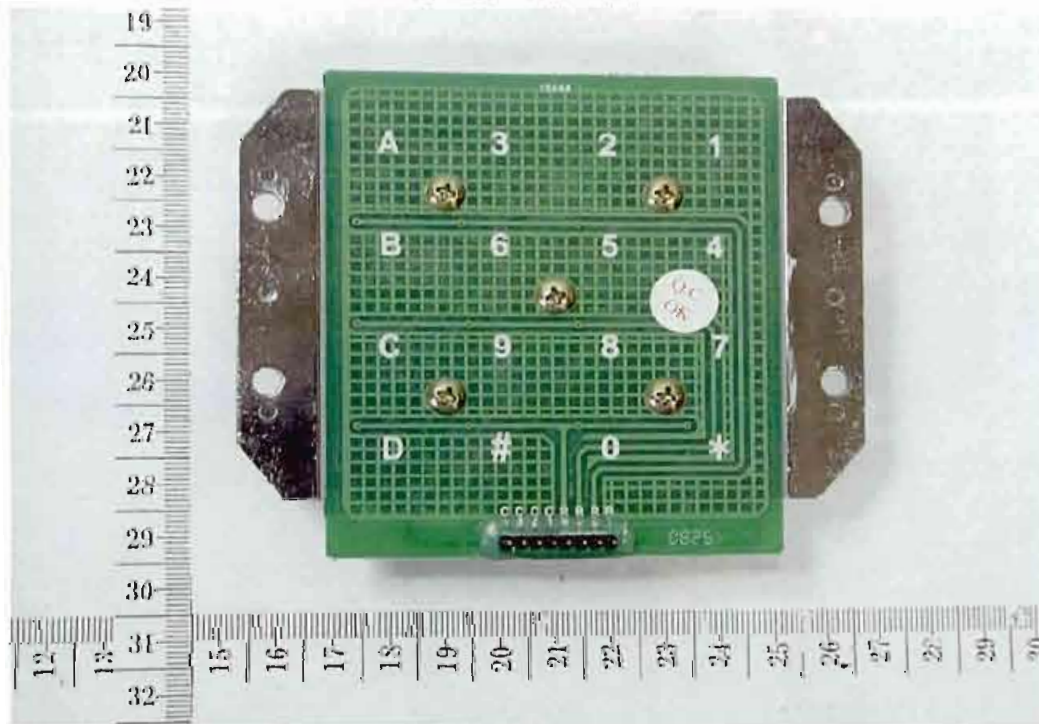


\*\*\*\*\*

Model : HT-696-2



Model : HT-696-2

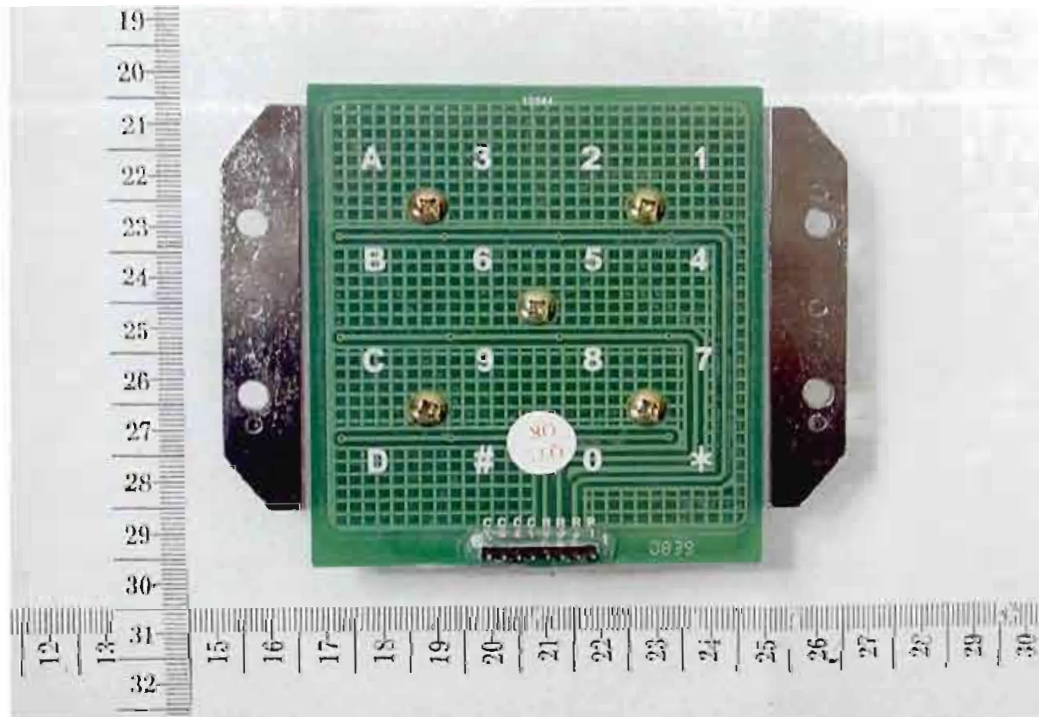


\*\*\*\*\*

Model : HT-696-9

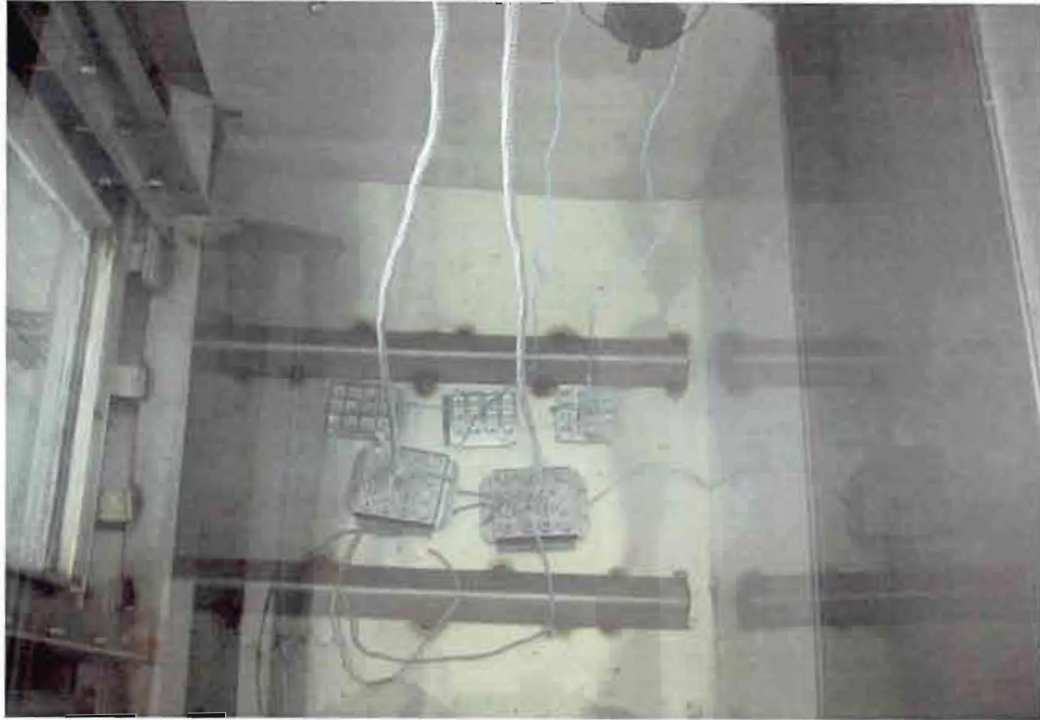


Model : HT-696-9

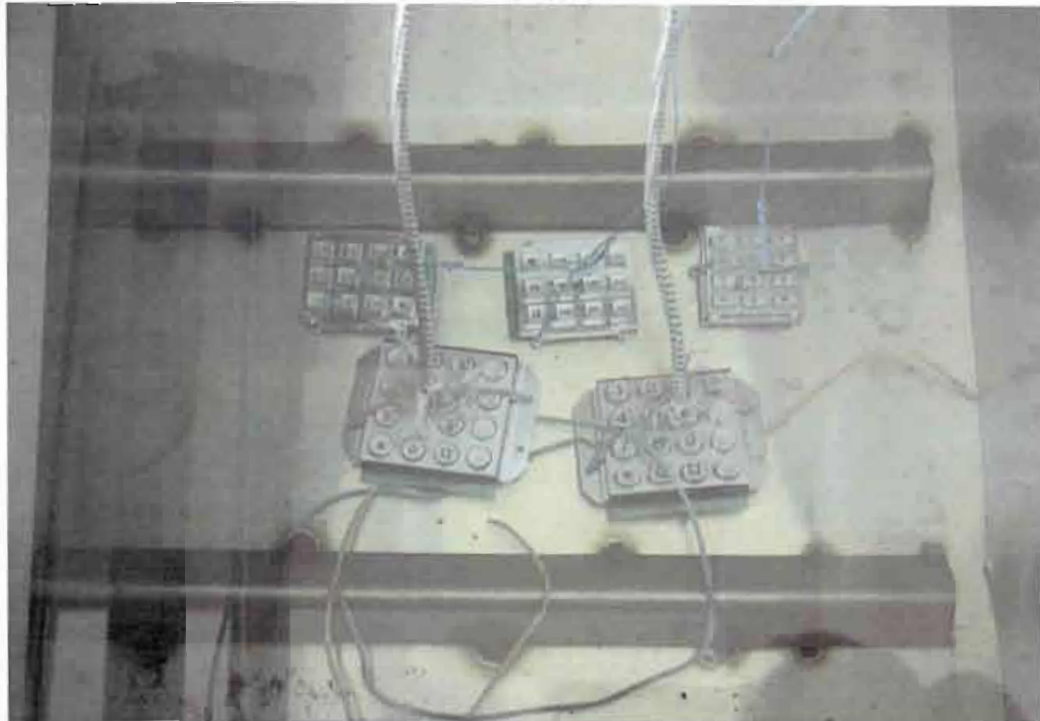


\*\*\*\*\*

IPX7 Test



IPX7 Test



\*\*\*\*\*

After test the function is normal



After test the function is normal

