



ForenEX Factory Introduction

Photoelectricity services department

Victor Wang, Product Manager/ Sales

Company Profile



Factory Established : 2018, Q1

Capital Amount: NTD\$ 60,000,000

Company Uniform Number : 86280064

Company Address : 5F-2, No. 212, Sec. 4, Wenxin Rd., North Dist., Taichung City 404538, Taiwan (R.O.C.)

Factory Address: 2F, No. 420, Sec. 1, Shengde Rd., Zhongli Dist., Taoyuan City 320067, Taiwan (R.O.C.)

Company Website : www.forenex.com.tw



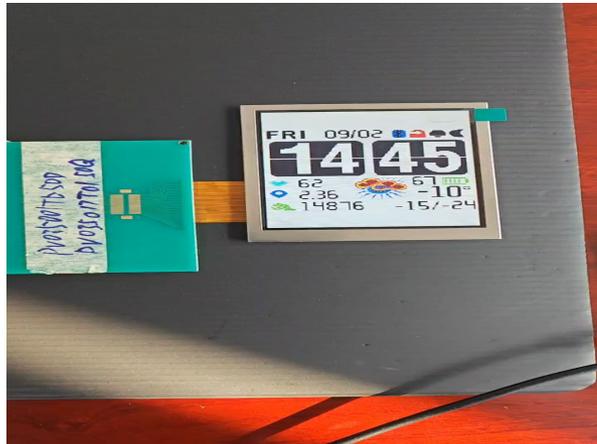
- TFT Panel : AUO 、 INNOLUX 、 LG 、 BOE 、 TIANMA 、 Re-assemble TFT Panel ◦
- Touch : 3.85”~65” inch customization 、 Standard product.
- Production Line Processing:
 - Increase backlight of TFT Panel 、 Assembling TFT Panel 、 Bonding Touch and Panel... Etc. Customization requirement.
- Company Policy:
 - Provide comprehensive service, integrate customer requirements, and offer technical support. Provide effective support and create better competitiveness.

Bar & Round PANEL



- Offer Standard Product
- Support PCAP Touch

Transflective TFT Panel



Backlight On



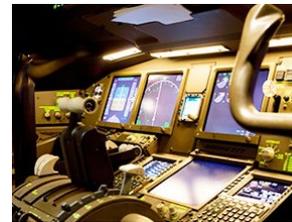
Backlight Off



- It still has visibility under the sunlight without a backlight. It utilizes the sunlight to reflect the display info to save more power.
- Support PCAP/ RTP Touch
- Currently support small size.

- 1、Sunlight Readable High Brightness Customization.
(4.3”~24” inch or Higher)
- 2、LCM-Touch Panel Air Tape Bonding(5.7”~32” Inch)
- 3、Bonding Support (AR film、HC film、AG film、Explosion Film、Privacy Film...etc.)
- 4、All-In-One Mechanical Assembling (Ex: Open Frame... etc.)
- 5、Special TFT Panel Application(Ex : Low Power Consumption、Wide Color Gamut、NVIS...etc.)

High Brightness and Touch Panel Product



Product Application: Industrial Display 、 Vehicle Mount 、 Smart Home 、 Security 、 Military 、 Handheld 、 Medical Equipment 、 household

TRANSPACIFIC CERTIFICATIONS LIMITED



Certificate of Registration

This is to certify that
Quality Management System
of

**LUCKILY DISPLAY
TECHNOLOGY CO., LTD.**
承幸科技有限公司
2F., No. 420, Sec.1, Shengde Rd, Zhongli Dist.,
Taoyuan City 320067, Taiwan (R.O.C.)
桃園市中壢區聖德路一段420號2樓.

complies with the requirements of
ISO 9001:2015

This certificate is valid concerning all activities related to:

**Manufacture and Development of Industrial
Displays and Related System Integrated Equipment.**
工業類顯示器整合應用與生產.

ANZSIC Code: 2429

17704
Certificate No.

July 21, 2023
Date of this Certificate

July 20, 2024
*Next Audit Due Date

July 21, 2023
Date of Initial Registration

July 20, 2026
Certification Expiry Date


Managing Director/Director



TRANSPACIFIC CERTIFICATIONS LIMITED

Website : www.tclcertifications.com E-mail : info@tclcertifications.com
Accreditation by Joint Accreditation System of Australia and New Zealand (Accreditation No. 52640303N)
4 Phipps Close, DEAKIN, ACT 2600, AUSTRALIA
<http://www.jas-anz.org.au/directory/verified-organisations>

This certificate is only valid if it is available/valid on TCL website at <http://tclcertifications.com/client-register/>.

The certificate of Registration remains the property of Transpacific Certifications Limited and shall be returned immediately upon request.
*In case if Surveillance/Recertification Audit is not allowed to be conducted on or before the specified date, the Certificate shall be Suspended/Withdrawn.

Version 1.11

TRANSPACIFIC CERTIFICATIONS LIMITED



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ANZSIC Code: 2429

E3831
Certificate No.

July 21, 2023
Date of this Certificate

July 20, 2024
*Next Audit Due Date

July 21, 2023
Date of Initial Registration

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Certification Expiry Date


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Version 1.07

Refer to different sizes and types , current production capacity:

High Brightness TFT Panel , Average Monthly : 500pcs~800pcs

LCM-Touch Panel Air Tape Bonding , Average Monthly: 500pcs~1,000pcs

LCM Panel Bonding Process , Average Monthly: 300pcs~500pcs

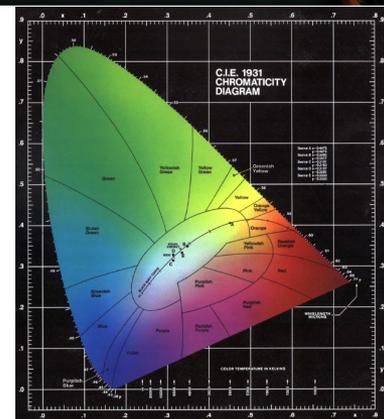
All-in-one product assembling , Average Monthly: 100pcs~300pcs

Staff expansion in progress.

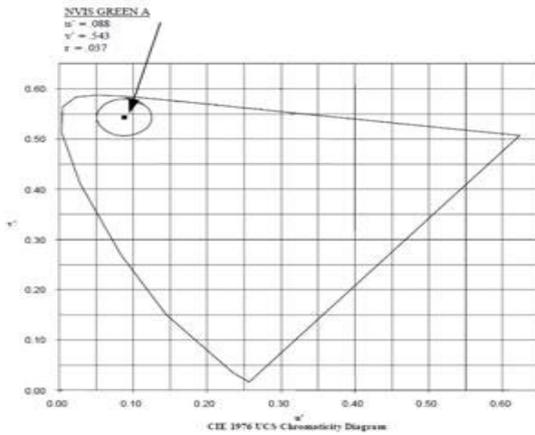
Hight brightness Modification



Refer to customer requirement for the backlight.

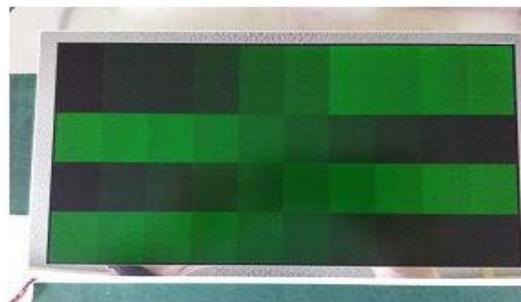
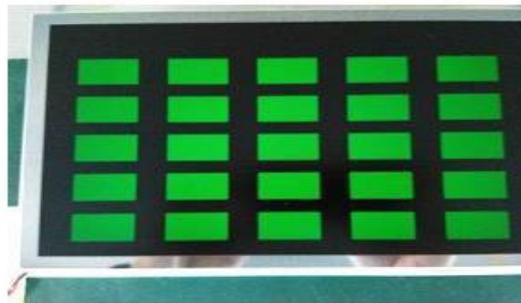


Special TFT Panel Modification



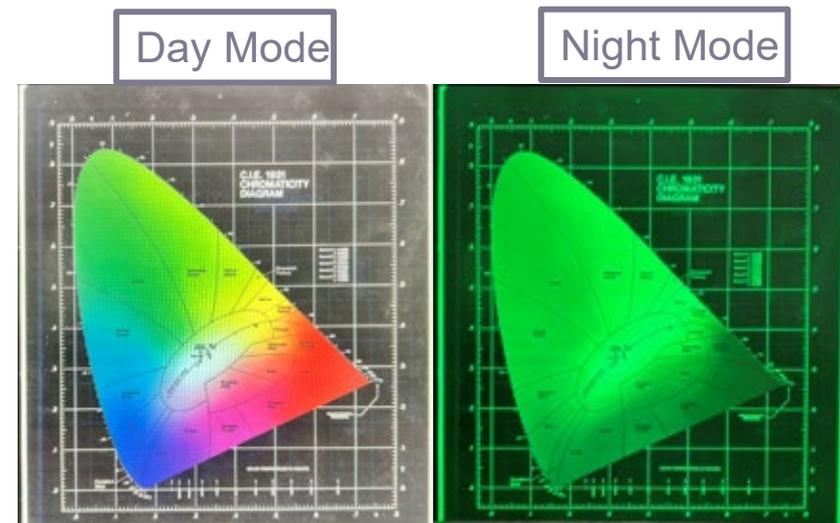
u'	v'	r	cd/m^2 (fL)	NVIS Color
0.088	0.543	0.037	0.343 (0.1)	Green

Lighting components	Not Less Than:	Not Greater Than:	cd/m^2
Utility, map, work, and inspection lights	-	0.17	0.343

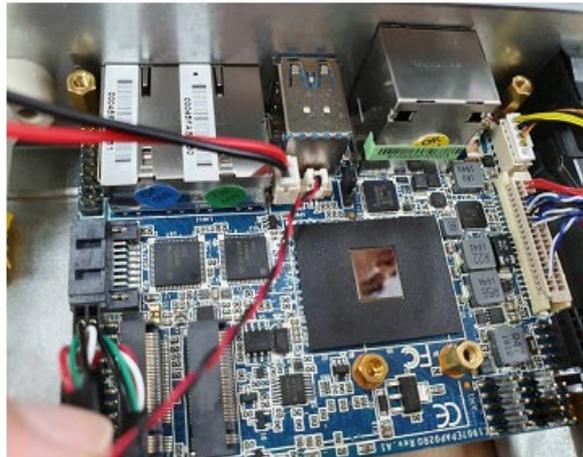
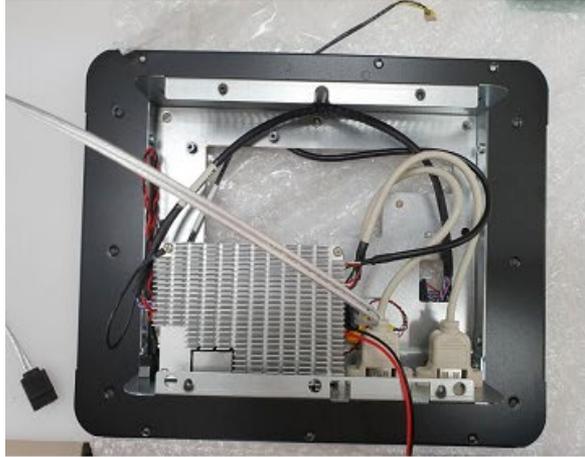


Night Vision Image System (NVIS)

- Increase Physical Brightness
- Aluminum casting to increase the heat dissipation.
- Night Brightness support 1 nits.
- Suitable for outdoor application and wide environment temperature.
Switch Day Mode and Night Mode.
- Compatible MIL-STD-3009 type1 · B Grade NVIS



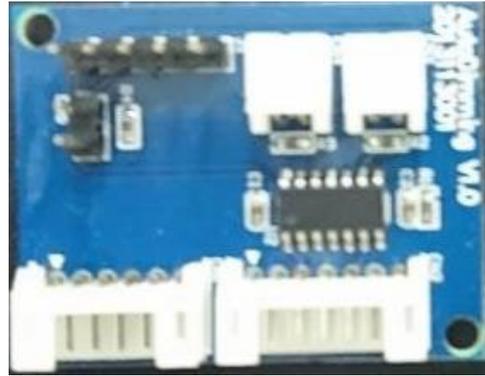
All-In-One Product Assembling



Modification of High Brightness



- Metal Plate



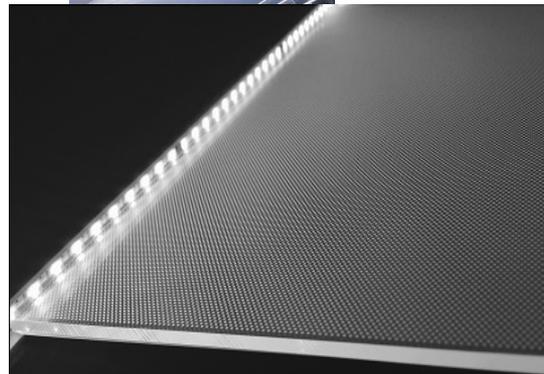
- Light Sensor



- Light Bar

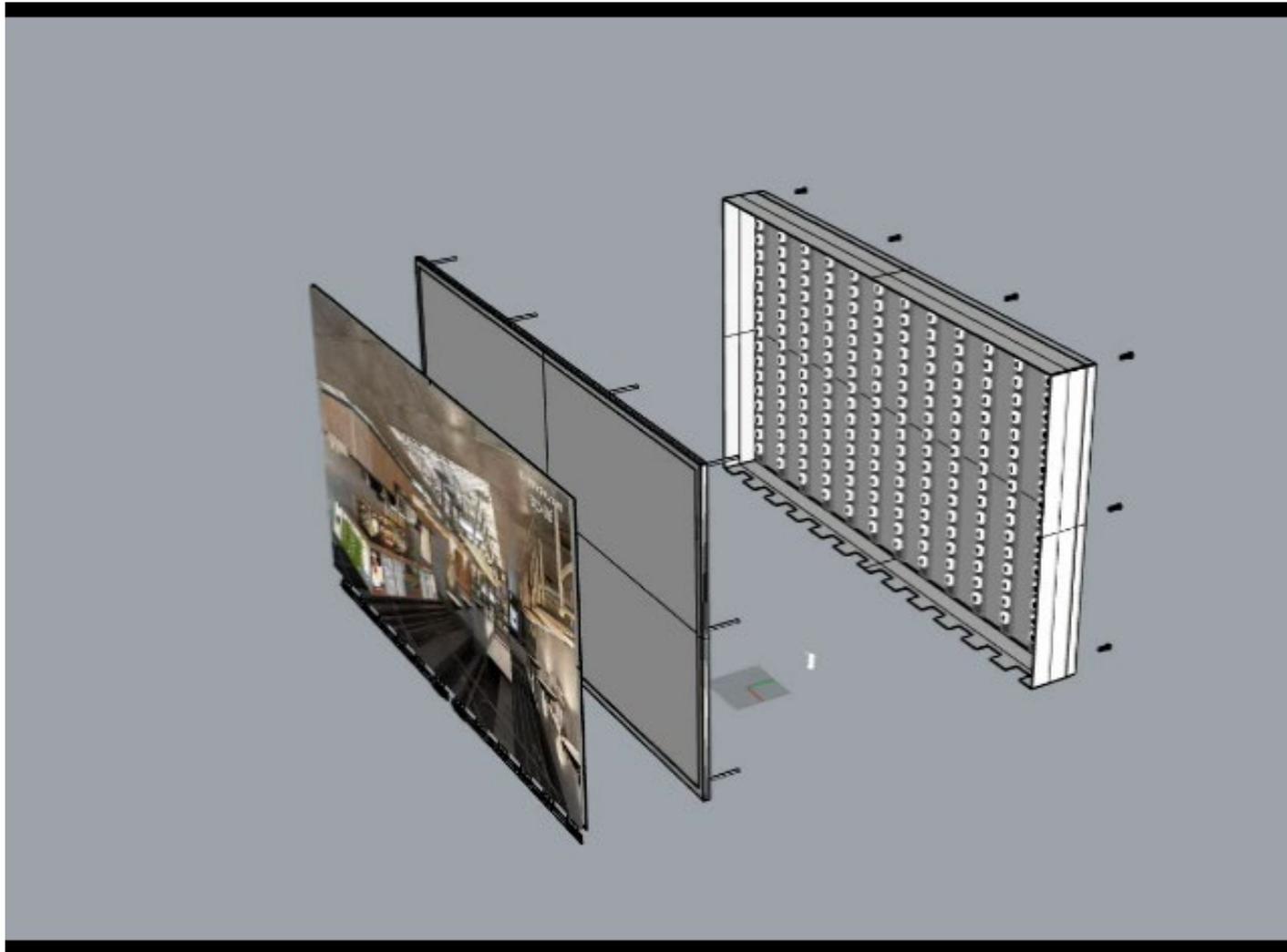


- LED Drive Board



- Light Guide Plate

Direct Back-lit LED Modification



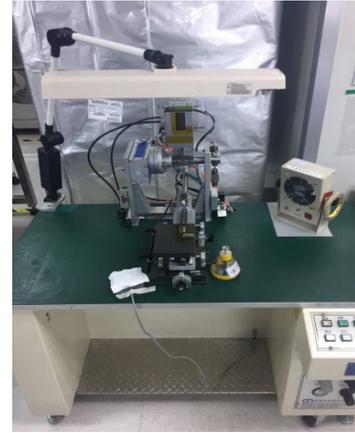
Self-assemble TFT Panel Equipment



POL Attachment Machine



G to G Lamination Machine



Small size POL Attachment Machine



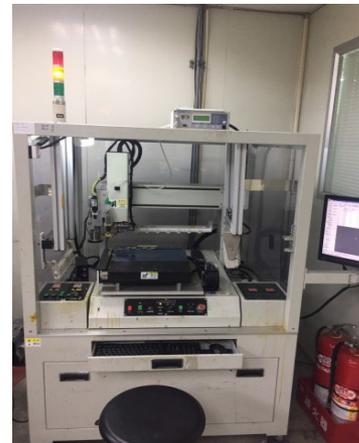
Autoclave Machine



Low Temperature UV Furnace



Die-cut Machine



Semi-Auto Liquid Dispenser



Cleaning Booth

Self-assemble TFT Panel Equipment



Special Shape
Scriber



Plasma



Pre-Main Bond
Machine



ACF Attaching Machine



Manual COG



Semi-Auto COG



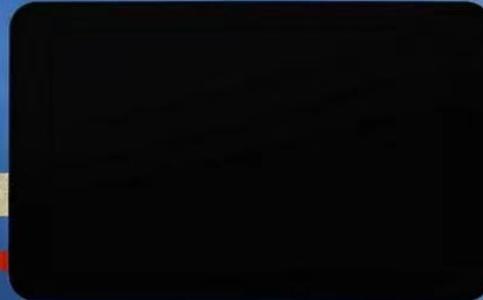
Inkjet Printer

Resistive Touch(4-Wire 、 5-Wire 、 8-Wire)

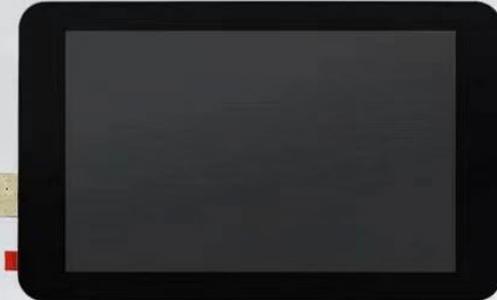


Seamless Effect-- Color OCA Solution

- *High Cleanliness
- *High Transmittance
- *Low Haze
- *High Adhesion
- *Amorphous
- *No Bubble
- *Water Resistance
- *Heat Resistance
- *UV-Cut
- *Uniformity



Full and even back color OCA bonding



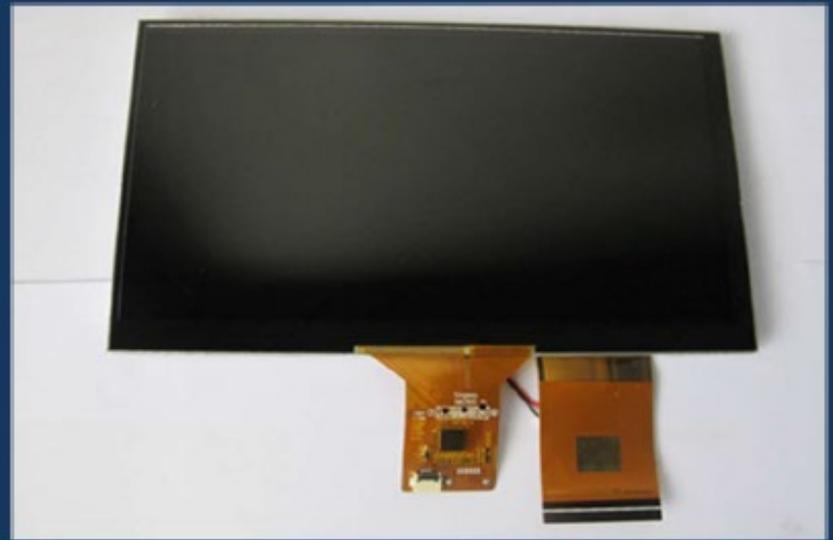
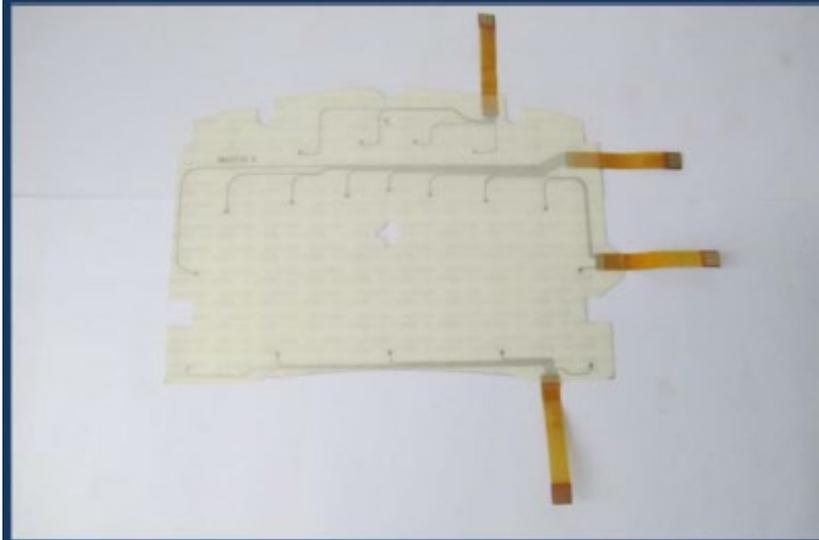
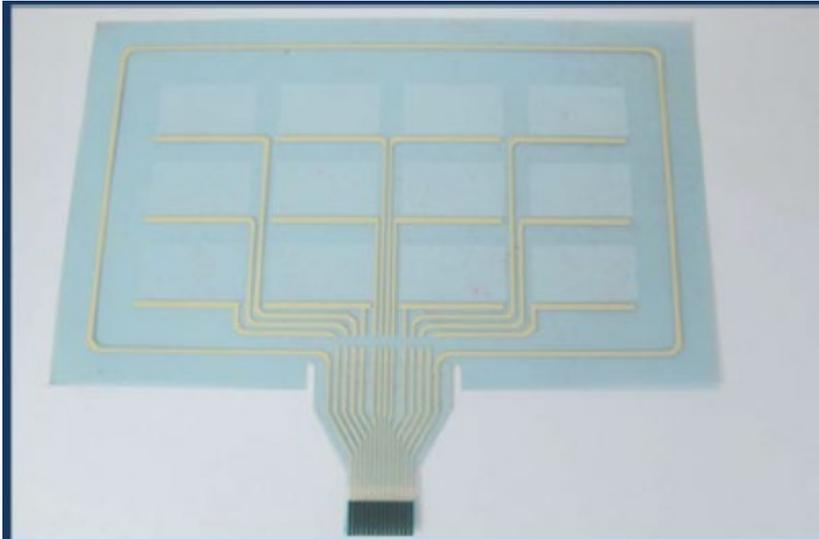
original OCA bonding



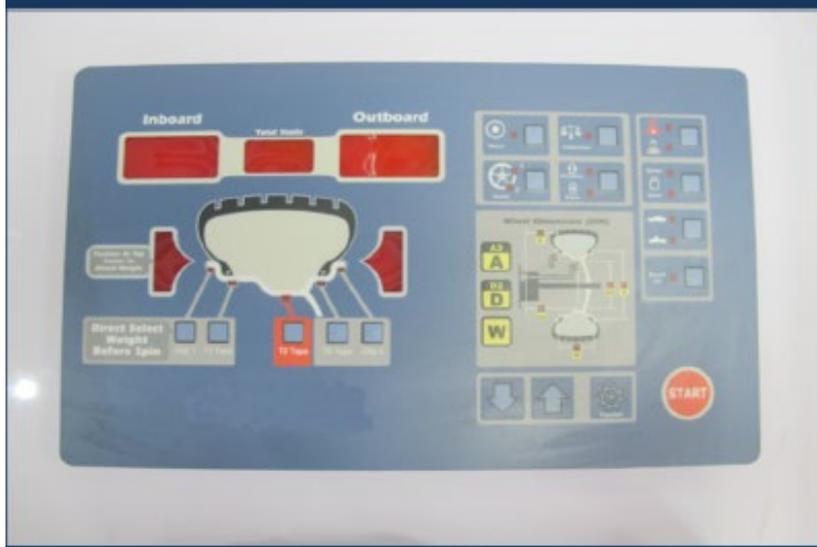
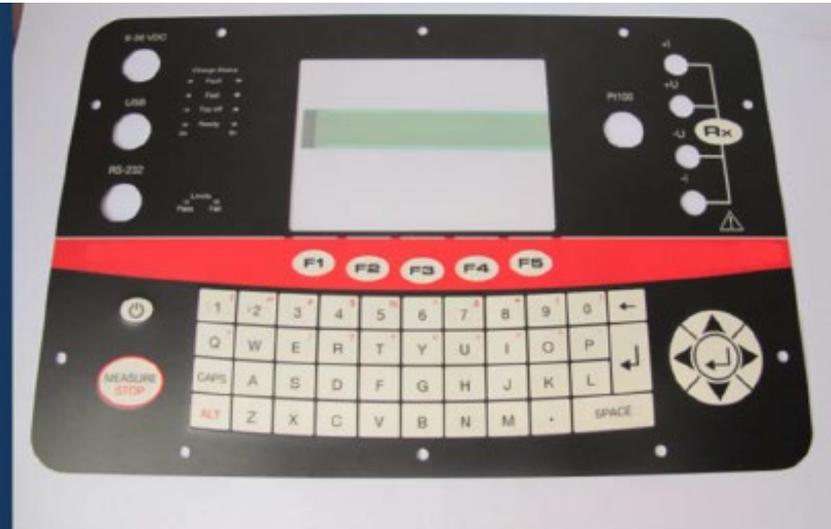
PCAP (P+G/G+G, USB, I2C)



Direct Bonding



Keypad



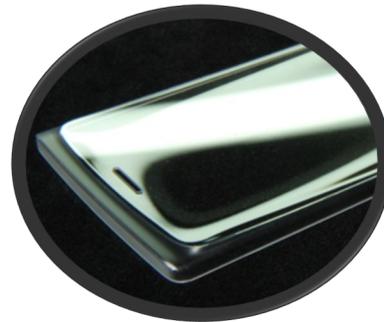
Mirror Glass



2D Cover Glass



3D Cover Glass



QC Engineering Table



QC工程表		料號	CT0003				文件編號	QCE-001-1		核准	審核	制定	
							制定日期	2023.03.01		Jey	Hedy	Justin	
							改版日期	-					
							版本	1					
工程號碼	工程記號	工程名稱	設備名稱	管理部門	管理項目		管理方法				記錄表單	異常處理方式	作業表單/程序書
					管理特性	管理基準	測定方法	測定頻率	檢驗人員	責任者			
1	□	進料	生產物料/ 耗材	倉管	數量	訂單	目視	每批	倉管	業務/採購	收料清單	通知客戶/供應商	進料檢驗管理程序
2	◇	進料檢驗	TP/PANEL 輔料	品管	外觀	依照IIS要求	目視	全檢/每批	品管	品保主管	進料檢驗記錄表	通知客戶/供應商	Panel 檢驗標準書
					電氣特性	依照IIS要求	儀器	全檢	品管				Touch panel進料檢驗標準書
3	▽	入庫	-	倉管	溫度	25±5°C	溫度計	2次/天	作業人員	工程主管	溫溼度記錄表	通知管理部	倉儲管理程序
					濕度	65±5%RH	溼度計	2次/天					
4	○	生產領用	-	製造	數量	依照訂單	目視	每批	作業人員	組長	領送料單	-	倉儲管理程序
5	○	膠條貼合	面板 膠條*4	製造	外觀	依照圖面要求	目視	全檢	作業人員	組長	首件-製程巡檢記錄表	通知組長/工程	製程管制程序
6	○	貼合	TP	製造	貼合位置	依照IIS要求	游標卡尺	全檢	作業人員	組長	首件-製程巡檢記錄表	通知組長/工程	製程管制程序
			面板		外觀	依照圖面要求	目視	全檢	作業人員	組長		製造人員	
7	○	TP貼膠	TP	製造	貼合位置	依照IIS要求	游標卡尺	全檢	作業人員	組長	首件-製程巡檢記錄表	通知組長/工程	製程管制程序
			泡棉膠條		外觀	依照圖面要求	目視	全檢	作業人員	組長		品保主管	
8	◇	FQC+OQC	-	品管	包裝	依照IIS要求	目視	全檢	品管	組長	出貨檢驗報告		成品檢驗判定基準作業標準書
					外觀		目視	全檢	品管	組長			
9	▽	入庫	-	倉管	溫度	25±5°C	溫度計	2次/天	作業人員	工程主管	溫溼度記錄表	通知管理部	倉儲管理程序
					濕度	65±5%RH	溼度計	2次/天					
10	○	出貨	-	生管	數量	客戶出貨要求	-	-	生管	管理部	出貨單 出貨報告	業務/客戶	
					標籤								
11													
12													
13													

【改版】		【備註】	
版數	改版日期	改版內容	姓名
△1			
△2			
△3			

以背景、框線和文字效果裝飾文件



Thank you!!