

12. Attention of Mounting Condition

[裝機注意事項]

- (1) The gasket support of touch panel must allocate outside of Viewable Area. Reserve enough clearance between panel surface and enclosure for normal panel operation.

To avoid pressing error, please retain enough space between surface panel and Bezel.

[請將固定觸控屏用的支撐體(support)設計於可視區(Viewable area)之外。為避免不小心碰到觸控屏而產生動作，請預留空間於面板與機體外殼之間]

- (2) Bezel opening must not touch Viewable Area, Bezel opening must be designed between Viewable Area and Active Area.

[外殼內緣(Bezel opening)應設計於可視區及動作區之間，並且不得碰到可視區]

- (3) We recommend elastic material support.

[建議使用彈性物質製成的支撐體]

- (4) Due to the conductive characteristic of the panel backside, prevent metal contact after mounting.

[觸控屏面板背面具導電性質，安裝後請避免與其他金屬物質接觸]

- (5) Do not use adhesive to bond top surface (ITO Film) of touch panel with enclosure.

[請勿使用黏著劑固定觸控屏面板和機體外殼]

- (6) Proper grounding of controller at all times assure normal operation.

[觸控屏正常的作動有賴於控制器確實的電源接地]

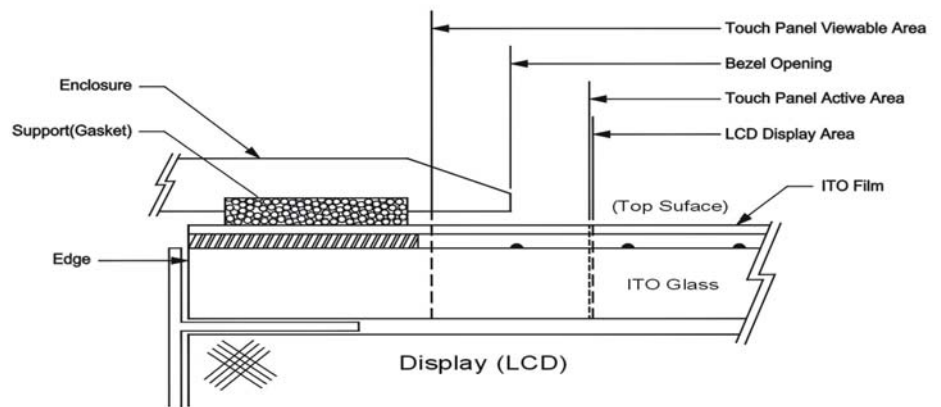


Figure 12-1

13. Warranty

[保固]

HIGGSTEC comes with a 2-year limited warranty on all Five-Wire Analog products.

[除了下列 3 點所述外，萬達光電所生產製造的產品保固期限為 2 年]

Limited warranty does not cover the following situations:

[有限度保固，不包括下列幾點]

1. Damages caused by improper handling from clients, including shipping, installation and integration.

[在客戶的製程或運輸中，因客戶自身疏忽所造成對產品的傷害及破損]

2. Damages caused by either natural or human factors after receiving the products.

[在客戶收到萬達光電之產品後，因為天災人禍所造成的傷害及破損]

3. Damage caused by self-repairs, modifications or disassembling of the product.

[沒有知會萬達光電共同討論，而自行變更、維修、拆卸產品所造成的傷害及破損]

14. Appendix

[附註]

Item [項目]	Content [內容]	Page number [頁數]
Appendix I [附註一]	Appearance Specification [外觀檢查規格]	1 page



15. Caution

[注意事項]

Storage [儲存]	Store panel under the temperature and humidity range pre-specified. Direct sunlight exposure or piling should be avoided. [儲存要注意溫/濕度條件，且不可直接暴露於陽光下，或堆疊造成直接加壓面板]
Unpack [拆裝]	Unpack the box with the printed red arrow pointing up. [注意檢查包裝箱之箭頭方向，以避免損壞]
Handling [握持]	(1) Use clean sacks or glove to prevent fingerprints and/or stains left on the panel. Extra attention and carefulness should be taken while handling the glass edge. [配戴清潔的指套、手套、口罩，以避免造成指紋、髒污或不小心被玻璃邊緣割傷] (2) Avoid touching the viewing area before installation/integration. [安裝組合時，避免接觸可視區] (3) Holding the panel instead of the tail at all time. [拿取面板時，不可直接拿取 tail 部份]
Cleaning [清潔]	(1) Use neutral detergent or isopropyl alcohol on a clean soft cloth to clean the panel surface. [使用乾淨且柔軟的布，沾中性清潔劑或酒精進行清潔] (2) Prevent using any kind of chemical solvent, acidic or alkali solution. [不能使用化學溶劑或酸鹼液進行清潔]
Installing and Assembling [組合與裝配]	(1) Excessive force or strain to the panel or tail is prohibited. [注意避免加壓或拉扯面板及 tail] (2) Retain at least 0.3 mm clearance between panel and display module. [最少保留 0.3mm 的空間於面板及顯示器之間] (3) Gasket or cushion pads around the edge of the panel may segregate water and/or dust contamination. [在設計機構時，注意四周邊緣需有緩衝墊，以避免滲水或聚集灰塵]
Operating [操作]	(1) Touch the panel with your finger or stylus only to assure normal operation. Any sharp edged or hard objects are prohibited. [應用手指或筆觸，不能使用尖銳、堅硬的物體書寫輸入] (2) Operate the panel in a steady environment. Abrupt variation on temperature and humidity may cause malfunction of the panel. [急遽的溫/濕度變化會有結露現象，易造成面板功能失效，所以穩定的環境條件是必要的]
Others [其他]	(1) Keep the panel surface clean. Prevent any kind of adhesive applied on the surface. [請保持表面清潔，不要貼膠帶於面板上] (2) Avoid high voltage and/or static charge. [避免高壓與靜電] (3) HIGGSTEC has the right to change the materials and/or specifications. [萬達光電保有變更規格及材料的權利]



Appearance Specification

【Appendix I】

Item [項目]	Specification [規格] Unit: mm
Particle [顆粒異物]	(1) $D \leq 0.25 \rightarrow \text{OK}$ (2) $0.25 < D \leq 0.4$ (each area contains ≤ 3 , total ≤ 5) $\rightarrow \text{OK}$ (3) $D > 0.4 \rightarrow \text{NG}$
Linear Object [線狀異物]	(1) $W \leq 0.05 \rightarrow \text{OK}$ (2) $0.05 < W \leq 0.1$ and $L \leq 5.0$, total $\leq 3 \rightarrow \text{OK}$ (3) $W > 0.1 \rightarrow \text{NG}$ Remark: the particle will be ignored when it is cleanable.
Scratch [刮傷]	(1) $W \leq 0.025 \rightarrow \text{OK}$ (2) $0.025 < W \leq 0.05$ and $L \leq 12.0$, total $\leq 5 \rightarrow \text{OK}$ (3) $0.05 < W \leq 0.1$ and $L \leq 6$, total $\leq 5 \rightarrow \text{OK}$ (4) $W > 0.1 \rightarrow \text{NG}$

< Remark > [備註欄]

1. D=Diameter=直徑
2. W=Width=寬度
3. L=Length=長度
4. Each area contains=20 ϕ =區域範圍 20 ϕ

