

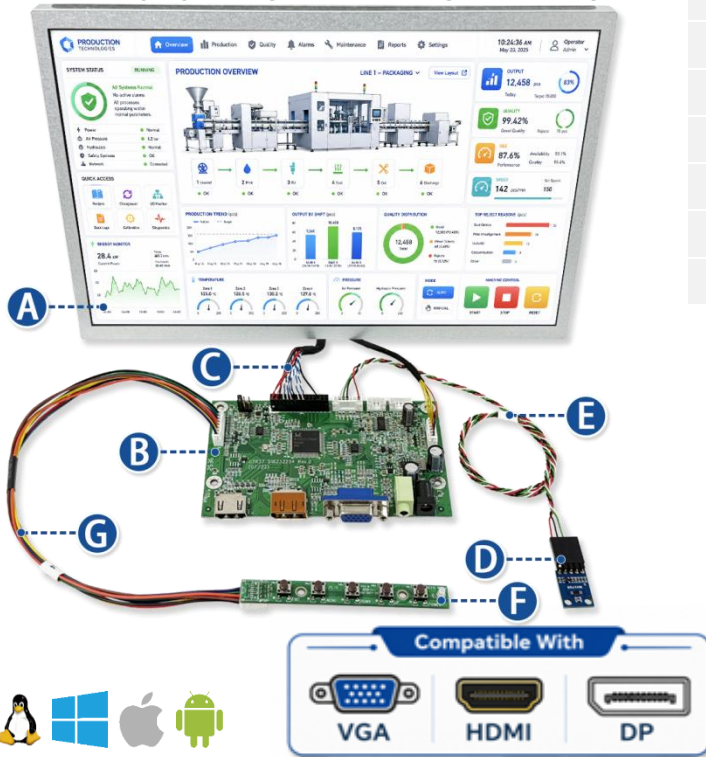
# G121ICE-LH1(TFT LCD)

## KADL037DAW(AD Board Kits)

High Brightness  
Wide Temperature

### Outdoor Auto Dimming

Automatically adjusts brightness according to ambient light



|   | Item               | Description                                |
|---|--------------------|--------------------------------------------|
| A | TFT LCD            | 1280 x 800 / 1,000nits / 50Khrs / -30~80°C |
| B | AD Board           | VGA+HDMI+DP / Audio / DC 12V               |
| C | Signal Cable       | LVDS Cable L= 300mm                        |
| D | Light Sensor Board | Auto Dimming Board                         |
| E | Light Sensor Cable | Light Sensor Cable L = 500mm               |
| F | OSD Key Board      | 5Key : Power / Menu / Adj+ / Adj- / Exit   |
| G | OSD Key Cable      | OSD Key Cable L=300mm                      |



## Specification

| Model         | G121ICE-LH1                 |                                     |
|---------------|-----------------------------|-------------------------------------|
| TFT LCD       | Inch                        | 12.1"                               |
|               | Resolution                  | 1280 x 800 (WXGA)                   |
|               | Brightness                  | 1,000 cd/m <sup>2</sup> (Typ.)      |
|               | Viewing Angle               | 89/89/89/89                         |
|               | TFT LCD OD (mm)             | 278.0 x 184.0 x 10.0                |
| Model         | KADL037DAW                  |                                     |
| AD Board Kits | Vertical Refresh Rate       | VESA Standard up to 60Hz            |
|               | Input Source                | VGA/HDMI/DP/Audio IN                |
|               | User Controls               | Power / menu / adj- / adj+ / exit   |
|               | Audio Output                | 1.4W + 1.4W at 8 ohm speaker        |
|               | AD Board OD (mm)            | 120.0 x 74.0 x 14.5 (Max.)          |
|               | Light Sensor OD (mm)        | 18.5 x 14.0 x 5.6 (Typ.)            |
|               | OSD Key Board OD (mm)       | 92.0 x 11.0 x 7.0(Top)/ 5.0(Bottom) |
| Model         | Display Kits                |                                     |
| Information   | Light Sensor Function 3Mode | Outdoor / Semi-Outdoor / Indoor     |
|               | Voltage for Power Input     | DC 12V / 1A~5A                      |
|               | Power Consumption (OP.)     | 4.70W(typ.)                         |
|               | MTBF                        | 50Khrs                              |
|               | Operating Temperature       | -30 ~ 80°C                          |
|               | Storage Temperature         | -30 ~ 85°C                          |
|               | OS                          | Android, Linux, MacOS, Windows      |
|               | Safety regulations          | UL                                  |

## APPLICATIONS



### KIOSK

Automatic brightness adjustment for enhance readability and user experience.



### TRANSPORTATION

Adaptive display brightness for clear visibility in changing driving conditions.



### OUTDOOR SYSTEMS

Smart brightness optimization for stable operation in harsh outdoor environments.

