

## 2. General Specifications

| Feature                    |                     | Spec                  | Unit              |
|----------------------------|---------------------|-----------------------|-------------------|
| Display Spec               | Size                | 12.8 inches           |                   |
|                            | Resolution          | 1920 (RGB)x1080       |                   |
|                            | Pixel Pitch         | 0.1476x0.1476         | mm                |
|                            | TFT Active Area     | 283.392×159.408       | mm                |
|                            | Technology Type     | A-Si                  |                   |
|                            | Pixel Configuration | R.G.B Vertical Stripe |                   |
|                            | Display Mode        | SFT, Normally Black   |                   |
|                            | Surface Treatment   | HC                    |                   |
| Mechanical Characteristics | LCM (W x H x D)     | 292.69*171.21*7.45    | mm                |
|                            | Weight              | 446.92                | g                 |
| Optical Characteristics    | Luminance           | 800typ                | cd/m <sup>2</sup> |
|                            | Contrast Ratio      | 1400:1typ             |                   |
|                            | NTSC                | 74typ                 | %                 |
|                            | Viewing Angle       | 88/88/88/88 typ       | degree            |
| Electrical Characteristics | Interface           | LVDS                  |                   |
|                            | Color Depth         | 16.7 Million          | color             |
|                            | Power Consumption   | 578                   | mW                |

Table 2.1 General TFT Specifications