

## 12" OPEN-FRAME DISPLAY FOR MILITARY USE

**P/N: DWI-4710-S000**



### SPECIFICATIONS

| Panel                   |                                               |
|-------------------------|-----------------------------------------------|
| Cell Type               | TFT LCD                                       |
| Glass Surface           | Black Anti-Glare, low reflection coating      |
| Aspect Ratio            | Wide                                          |
| Size                    | 12" viewable diagonal area                    |
| Active Area             | 261.1(H) x 163.2(V) mm                        |
| Pixel Pitch             | 0.204(H) x 0.204(V) mm                        |
| Native Resolution       | 1280(H) x 800(V)                              |
| Colors                  | 262 K                                         |
| Brightness              | 1000                                          |
| Contrast                | 800 : 1                                       |
| Response Time           | ≤ 25 ms                                       |
| Viewing Angle (typical) | H. 160°(- 80°~ + 80°) , V. 145°(- 72°~ + 72°) |
| Light Source            | LED backlight, Long life, 35,000 hrs (typ)    |

| Input Sources |                |                                              |
|---------------|----------------|----------------------------------------------|
| PC System     | Signal         | Analog RGB (0.7/1.0 V, 75 ohms)              |
|               | Sync           | Separate Sync, Composite Sync, Sync On Green |
|               | Frequency      | F: 30 - 82Khz , F: 50 -75Hz                  |
| Audio System  | 2W speaker x 2 |                                              |

### Certification

FCC , CE

### Input Terminals

1 x VGA (15 Pin Female D-Sub) , 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug

### Convenient Features

Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B) , OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)

### Power

12VDC-IN with external power adapter

### Power Consumption

|                          |                                        |
|--------------------------|----------------------------------------|
| Operation / Power Saving | ( Operation / Power Saving ) undefined |
|--------------------------|----------------------------------------|

### Operating Condition

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| Temperature / Humidity | -30°C ~ 80°C (-22°F ~ 176°F) , 10% ~ 90% (no condensation) |
|------------------------|------------------------------------------------------------|

### Storage Condition

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| Temperature / Humidity | -30°C ~ 80°C (-22°F ~ 176°F) , 10% ~ 90% (no condensation) |
|------------------------|------------------------------------------------------------|

### Dimensions

|          |                         |
|----------|-------------------------|
| Physical | Please refer to Drawing |
|----------|-------------------------|

|        |     |
|--------|-----|
| Carton | TBD |
|--------|-----|

### Weight

|             |     |
|-------------|-----|
| N.W. / G.W. | 4/5 |
|-------------|-----|

### OPTIONS

| Touch                      | Video Input | Enhanced Panel        | Power            | Others                        |
|----------------------------|-------------|-----------------------|------------------|-------------------------------|
| Resistive Touch            | AV-IN       | High Brightness Panel | 24V DC-IN        | Motion Sensor                 |
| Projected Capacitive Touch | AV_Looping  | Sunlight Readable     | 9~36V DC-IN      | Light Sensor                  |
| Infrared Touch             | HDMI / DP   | Wide Viewing Angle    | 48V, 72V DC-IN   | VR-knob Dimming               |
| Protected Glass            | HD-SDI      | Wide Temperature      | 90V, 125V DC-IN  | RS232 Remote On/Off           |
| Optical Bonding            |             | UV Film               | 110V, 220V DC-IN | Military Connector: MIL 38999 |
|                            |             | Anti-Vandal           |                  | Metal Connector: M12 / M16    |
|                            |             |                       |                  | Stainless 316 Enclosure       |



### FEATURES

- Optional connector type: M12 Metal connectors, MIL-38999, MIL-26482 series connectors
- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Available with auto-brightness sensor offers application in day and night
- VGA connector with optional AV,SV,AV-Looping
- Complete custom design/solution for OEM customers