

# MD-CH0656-VN50L1

## Specification

Military Chassis, 6.5" LCD monitor, 640 x 480, LED 500 nits, VGA input, wide temperature



### Features

- 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
- Optional: MIL connector / M12 connector / Plastic IP66 water resistance connector

|                     |  |  |   |
|---------------------|--|--|---|
| Panel               | Cell Type / Glass Surface  | TFT LCD / Black Anti-Glare, low reflection coating         |   |
|                     | Aspect Ratio / Size  | 4 : 3 / 6.5" viewable diagonal area                        |   |
|                     | Active Area / Pixel Pitch  | 132.48(H) x 99.36(V) mm / 0.207(H) x 0.207(V) mm           |   |
|                     | Native Resolution / Colors   | 640(H) x 480(V) / 262 K                                    |   |
|                     | Brightness / Contrast  | 500 cd/m <sup>2</sup> (typ) / 600 : 1                      |   |
|                     | Response Time  | ≤ 25 ms  |   |
|                     | Viewing Angle (typical)  | H. 160° (- 80° ~ + 80°) , V. 140°(- 70° ~ + 70°)           |   |
|                     | Light Source   | LED backlight, Long life, 35,000 hrs (typ)                 |   |
| Input Sources       | PC System  | Signal   | Analog RGB (0.7/1.0 V <sub>pp</sub> , 75 ohms)          |
|                     |  | Sync   | Separate Sync, Composite Sync, Sync On Green            |
|                     |  | Frequency  | F <sub>h</sub> : 30 - 82Khz , F <sub>v</sub> : 50 -75Hz |
|                     | Audio System   | 2W speaker x 2   |   |
| 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               | 12V DC in  |  |   |
| Power Consumption   | Operation / Power Saving   | 9.875 watt , < 1 watt (Support DPMS)                       |   |
| 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) |   |
| Certification       |  | FCC , CE   |   |
| Dimensions          | Physical   | Please refer to Drawing                                    |   |
|                     | Carton   | W x H x D = TBD  |   |
| Weight              | N.W. / G.W.  | 2.0 Kgs / 3.0 Kgs  |   |
| Container Loaded    | 20ft / 40ft / 40ft HQ  | TBD (Sets , By pallet)                                     |   |

### Option MIL

Environmental: MIL-STD-810, DO-160

EMI/EMC: MIL-STD-461/462

Panel construction & lighting: MIL-P-7788

Power: MIL-STD-704, MIL-STD-1275

Shock – MIL S 901D

Vibration – MIL STD 167

