

# IOVU-650/650WL

6.5" TFT, VGA, 16-bit color,  
Touch Screen Open HMI

## Specifications

### System

- XScale® PXA270 520MHz processor
- 2 MB boot flash
- 128 MB SDRAM
- 128 MB CompactFlash (38MB reserved for Windows® CE 5.0, 90MB for user data and programs)
- Battery-backup RTC
- Watch Dog Timer
- Reset button

### Display

- Type: Color Active Matrix TFT
- Size: 6.5"
- Resolution: 640 x 480, 64K color graphics
- Brightness: 500 cd/m<sup>2</sup>
- Input: 4-wire resistive touch panel

### I/O and Communication

- Ethernet: 1 x 10/100 Mbps
- Serial Port: 1 x RS-232/422/485
- 2 x USB Host 2.0

### Power

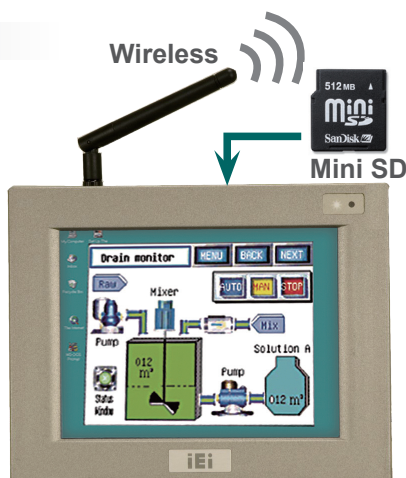
- Power Supply: Support 12~36V DC-IN
- Power Consumption: 15W
- Power Adapter (Optional) : 24V, 25W AC-DC power adapter

### Environmental

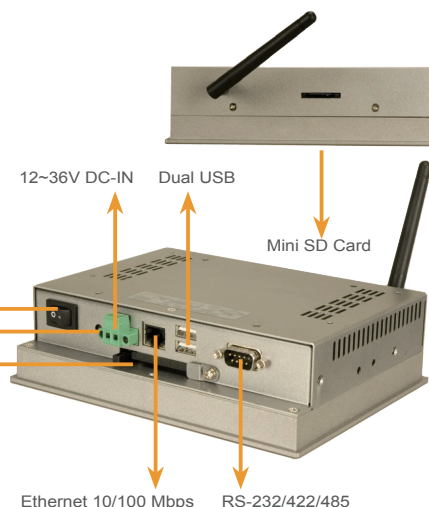
- Operation Temperature: 0°C-50°C
- Humidity: 5%RH to 95%RH (non-condensing)
- Vibration: 5Hz~17Hz, 0.1" double amplitude displacement; 17Hz~640Hz, 1.5G acceleration peak to peak.
- Shock: 10G acceleration peak to peak
- IP 65 compliant front panel

### Color

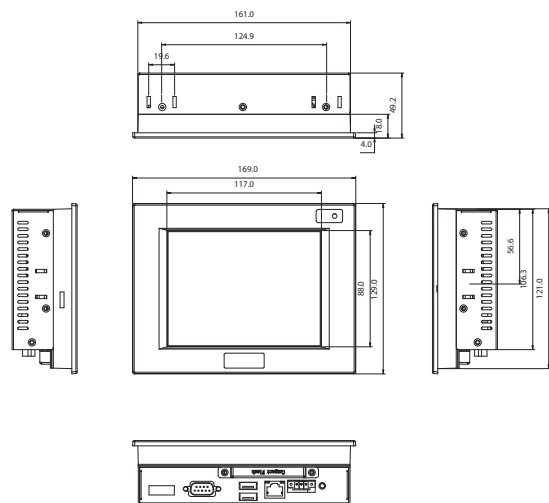
- Aluminum front, Silver color



IOVU-650WL Model Only  
Wireless: IEEE 802.11b standard for 2.4G wireless Lan  
Support to read Mini SD card.



## Dimensions (Unit: mm)



## Ordering Information

Part No.	Description
IOVU-650-R10	6.5" TFT, VGA, 64K color, touch Open HMI with built-in Windows® CE 5.0 license
IOVU-650WL-R10	6.5" TFT, VGA, 64K color, touch Open HMI with Wireless Lan, MiniSD function and built-in Windows® CE 5.0 license

## Options

Part NO.	Description
63000-UP0251Q24T51G-RS	24V/25W AC-DC Power Adapter; 90~264Vac input
WK-084MS-R10	Wall Mount Kits
ARM-11-RS	LCD Monitor Arm Kits
STAND-100-RS	LCD Monitor Stand Kits

## Packing List

### IOVU-650

- 1 x IOVU-650
- 1 x Utility CD including SDK, utilities, and technical documents

- 1 x Null modem cable
- 1 x Touch pen
- 1 x Screw kit

### IOVU-650WL

- 1 x IOVU-650WL
- 1 x Utility CD including SDK, utilities, and technical documents

- 1 x Null modem cable
- 1 x Touch pen
- 1 x Screw kit
- 1 x 100mm 2 dBi Antenna (SMA Type)