

# VTK 33M-01

8.4" SVGA LCD with Touch Screen  
Sunlight-Readable, Smart Brightness Control



## Main Features

- ♦ 8.4" SVGA Industrial Grade LCD Display LVDS LCD Monitor
- ♦ Sunlight-Readable, Touch Screen
- ♦ OSD Control Button on Front Panel
- ♦ Support Automatic Brightness Control
- ♦ Front Panel Compliant with IP54
- ♦ Remote System Power Control

## Product Overview

VTK 33M-01 is designed to be a commander of our transportation PC in vehicles or vessels. It connects to our VTC Series with only a single cable that integrates LVDS signal, USB and 12V DC power. Through this connection, VTK 33M-01 can power on/off VTC Series, while many functions of the VTC Series can be controlled via the touch screen.

Brightness of the LCD can be adjusted manually or automatically. The user can control the volume for GPS vocal navigation. Designed to be rugged, VTK 33M-01 has IP54 protection on the front panel and has metal enclosure against harsh environment.

## Specifications

### LCD Panel

- ♦ 8.4" Industrial-Grade LVDS Panel with CCFL backlight
- ♦ Resolution: 800 x 600 SVGA
- ♦ Brightness: 400 cd/m<sup>2</sup>
- ♦ Contrast Ratio: 500:1

### Control Button and LED Indicators on Front Panel

- ♦ Power on/ off (for VTK33M-01 Monitor)
- ♦ Volume Control
- ♦ Brightness Control (Manual/Automatic)
- ♦ Light Sensor
- ♦ PWR LED (indicating Monitor Power)
- ♦ MODE LED (indicating the Mode of Brightness Control)

### I/O Interface-Rear

- ♦ LVDS Connector (integrating LVDS, USB x 1 and 12Vdc x 1)
- ♦ 1 x Audio-in
- ♦ 1 x Mic-in, 1 x Mic-out
- ♦ 2 x USB
- ♦ Remote System Power On/Off Button

### Other Features

- ♦ Sunlight-Readable Touch Screen (4 wires resistive w/ anti-glare coating)
- ♦ 2 x Speaker (2W)
- ♦ Power: 12Vdc
- ♦ VESA 75mm Mounting Holes
- ♦ Rubber Protection for the 4 Corners

### Dimensions

- ♦ 238 mm (W) x 196 mm (H) x 35 (D) mm (w/o Protection Kit)
- ♦ 244 mm (W) x 202 mm (H) x 38.3 (D) mm (w/ Protection Kit)
- ♦ 1.06 Kg (2.35 Lb)

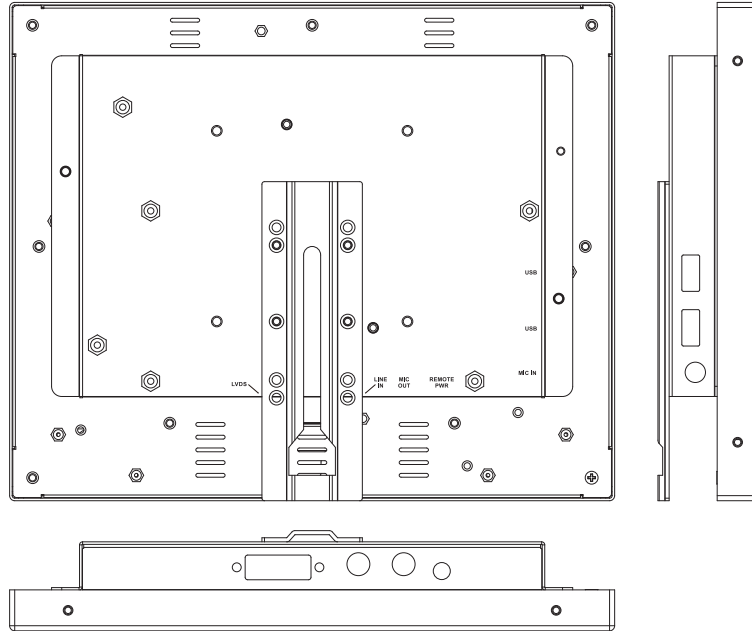
### Environment

- ♦ Operating Temperature: -20°C~60°C

### Certifications

- ♦ CE approval
- ♦ FCC

## Dimension Drawing



## Ordering Information

- ♦ **VTK 33M-01 (P/N:10VK33M0100X00)**  
8.4" (800 x 600) LVDS with Touch Screen, Sunlight-Readable, Smart  
Brightness Control
- ♦ **Bundle Accessories**
  - LVDS cable (1.5M)
  - Metal Mounting Kit
  - Rubber Protector x 4
  - Cable fastener
  - CD-ROM x 1