

# SturdyView™ 21

**21.3 Inch High Resolution Ruggedized Active Matrix TFT LCD Monitor, Designed to Meet Military Specifications. DVI and RGBHV Input. LED Backlight Source and Very High Contrast Ratio.**



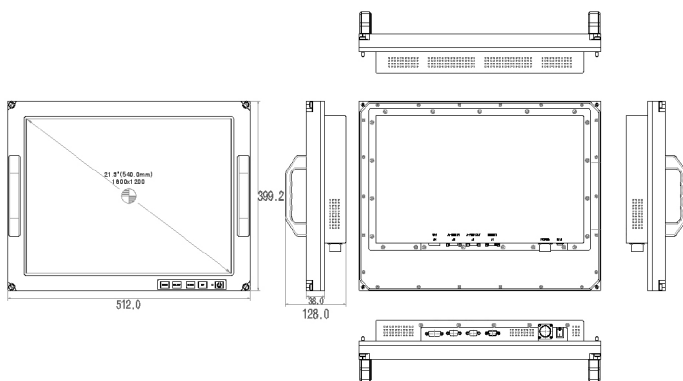
## Features

- 21.3" AM LCD
- 1600 x 1200 resolution
- Very high contrast ratio
- Shock resistant
- Vibration resistant
- Meets MIL-STD-810 military standard for environmental specifications

## Applications

- Military vehicles
- Ships
- Submarines
- Aircraft (up to 10,000 feet)
- Industrial use – factories, labs, etc.

## Monitor Dimensions



## Overview

The SturdyView 21 is a 21.3 inch color LCD display, ruggedized for military and industrial use. The SturdyView 21 features an LED light source to deliver rich color reproduction, plus a high contrast ratio for excellent video quality.

The SturdyView 21 is tough enough to be used in all types of moving vehicles.

## Specifications

<b>Panel Type</b>	LCD Active Matrix (AMLCD)
<b>Diagonal Measurement</b>	21.3 inch / 540 mm
<b>Pixel Dimensions</b>	0.27 x 0.27 mm
<b>Color Filter Arrangement</b>	Vertical Stripe RGB Configuration
<b>Image Dimensions</b>	432 x 324 mm
<b>Screen Specification</b>	16, 7M (True 8-bit) color
<b>Brightness</b>	250 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	>400:1 @ dark ambient
<b>Viewing Angle</b>	Horizontal and Vertical: 80/80, 80/80
<b>Input</b>	Standard Analog UXGA / DVI
<b>Resolution</b>	1600 x 1200, 60 Hz
<b>Sync. Pattern</b>	Sync on Green, Separate H & V
<b>Key</b>	Source, Menu, Up, Down, Power
<b>Communication</b>	RS-232, 115200 bps
<b>BIT</b>	Built-in Test Pattern
<b>OSD</b>	On-Screen Display
<b>Power Supply</b>	220VAC / 28VDC option
<b>Mounting</b>	Overall depth behind bezel: 100 mm
<b>Weight</b>	39.7 lbs. (18 Kg)
<b>Cooling</b>	Natural convection
<b>Operating Temp.</b>	-32 ~ 50 °C (MIL-STD-810)
<b>Storage Temp.</b>	-40 ~ 70 °C (MIL-STD-810)
<b>Humidity 95% RH</b>	(MIL-STD-810)
<b>Vibration</b>	MIL-STD-167-1/MIL-E-5400T
<b>Shock</b>	30g - 12.5ms half sine
<b>Altitude</b>	10,000 feet
<b>EMI/EMC</b>	MIL-STD-461E (Optional)
<b>MTBF</b>	20,000 Hrs (backlight module not incl.)

## Ordering Information

- SturdyView 21
- SturdyView 21 with optional 28 Volts DC power supply
- SturdyView 21 with EMI/EMC military standards option

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