

# SturdyView™ MFD 8

**8.4 Inch High Resolution Ruggedized Active Matrix TFT LCD Monitor for Use on Military Aircraft. XGA or DVI Input. Day, Night, and NVIS modes. LED Backlight Source.**



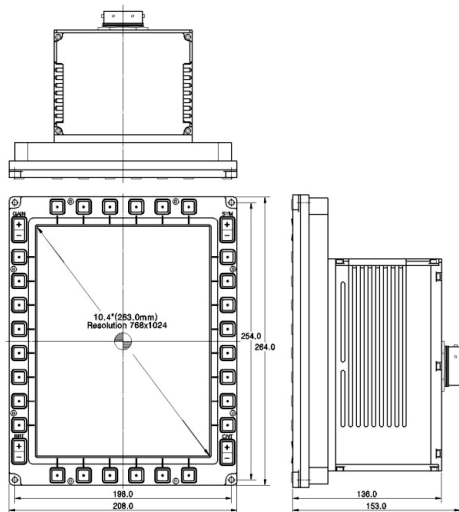
## Features

- 8.4" AM LCD with silicon TFT (Thin Film Transistor)
- 1024 x 768 resolution
- Day, Night, and NVIS (Night Vision Imaging System) modes
- Luminance at Night Mode:  $3\pm 1$  fL ( $10.3\pm 3.43$  cd/m<sup>2</sup>)
- Meets military standards for environmental specifications

## Applications

- Military Avionics
- Aircraft surveillance

## Monitor Dimensions



## Ordering Information

SturdyView MFD 8  
SturdyView MFD 8 with optional 220VAC power supply

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## Overview

The SturdyView MFD 8 is an 8.4 inch color LCD multi function display, ultra-ruggedized for use in military aircraft. The SturdyView MFD 8 features an LED light source to deliver rich color reproduction, plus a touch screen for easy control.

The SturdyView MFD 8 features day, night, and NVIS (Night Vision Imaging System) modes.

## Specifications

<b>Panel Type</b>	AMLCD 8.4 inch
<b>Resolution</b>	768 X 1024, 60Hz (True 8-bit)
<b>Brightness</b>	$\geq 200$ fL (685 cd/m <sup>2</sup> ), $\leq 0.04$ fL (0.137 cd/m <sup>2</sup> )
<b>Uniformity</b>	$\leq \pm 30\%$ of average luminance
<b>Luminance at Night Mode</b>	$3\pm 1$ fL ( $10.3\pm 3.43$ cd/m <sup>2</sup> )
<b>Backlight</b>	LED
<b>NVIS compatibility</b>	Type II, Class B, per MIL-L-85762 (MIL-STD-3009)
<b>Viewing Angle</b>	Horizontal and Vertical: 85/85, 85/85
<b>Input</b>	DVI, Standard Analog XGA, RS170A (1ch)
<b>Communication</b>	UART serial interface (RS-422 / RS-485 / RS-232)
<b>Key</b>	34 User Function keys
<b>Power Supply</b>	28VDC / Optional 220VAC
<b>Bezel Dimming Voltage</b>	5 Vac
<b>Operating Temp.</b>	-32 ~ 50 °C
<b>Storage Temp.</b>	-40 ~ 70 °C
<b>Environmental Specification</b>	MIL-STD-810F
<b>Finish</b>	Standard Bezel color is Black FED-STD-595 No.37038 (Non Glare)
<b>Size (W x H x D)</b>	191 X 235 X 153 mm
<b>Weight</b>	13.2 lbs. (6 Kg)



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