

# 42"/46" Military Display/Touch Monitor with PC Option



Engineered to Meet High Test Standards		
STANDARD	DESCRIPTION	VALUE
MIL-901D	Shock	Grade A
MIL-167-1	Vibration	
MIL-461E	EMI/EMC	
MIL-810F	Operating Temperature	-15° to +55°C
	Storage Temperature	-40° to +85°C
	Humidity	5% to 95%
IEC60945	Maritime Standard	
EN60945	Maritime Standard	
ECDIS	Electronic Chart Display Standard	
ECDIS-N	Navy Electronic Chart Display Standard	

## Product Features

### Display Monitor Features

- Accepts 42" or 46" LCD
- 500 cd/m<sup>2</sup> Brightness
- 1920 x 1080P Resolution
- Multiple Touch Screen Options:  
SAW Touchscreen  
3M MicroTouch™ DST Touch System  
Projected Capacitive Touch Screen  
Polycarbonate  
Safety Glass

- Rugged MIL I/O
- Multi-Functional Input Support:  
Analog - DSULB - 15P  
Digital - DVI-D  
Video - SVHS, CVBS

### Computer Features

- Core 2 Duo Processor
- Up to 4GB DDR<sup>2</sup> RAM
- Up to 32GB Compact Flash
- Mass Storage -  
Up to 160 GB Solid State  
Up to 1 TB Rotating
- (2) 32 Bit PCI/  
or (1) PCI Express 16 Slot  
and (1) PCI

- Windows Vista, XP Professional,  
XP Embedded or Linux
- (2) USB 2.0 Ports
- (2) RS232 COMM Ports
- (2) 1Gbit Ethernet Ports
- 0° to +55°C Operation

## Specifications

	Computer	Monitor
<b>LCD</b>	Resolution Brightness Brightness Control (Optional) Viewing Angle Colors Contrast Ratio	1920 x 1080P 500 cd/m <sup>2</sup> 0 - 100% 178° V/H 16.7 million 1000:1
<b>Touch Screen</b>	Surface Acoustic Wave 3M MicroTouch™ DST Touch System Projected Capacitive Touch Screen	
<b>Interface</b>	I/O Ports - Configurable  Available with Military or Commercial Interface  Sound	KB, MS - PS/2 DIN (2) USB - Standard USB-A, (1) Side Mount (2) COM - DB9P (2) LAN (1) VGA (1) ACPI PB Line In, Out, Stereo Jacks
<b>Processor</b>	Processor CPU FSB Memory Video Sound LAN Expansion	(1) VGA - D15S - SUB (1) DVI - D249 (1) Composite - RCA Jack (1) S Video - Mini 4 pm DIO
<b>Peripherals</b>	Mass Storage	Core 2 Duo - Intel GME965 - Socket P Up to 2.2 GHz 533 MHz Up to 4GB Main Memory, DDR 2 533/667 MHz Integrated X3100 Graphics Media Accelerator High Definition Audio 5.1 (2) 1GB LAN (2) PCI Slot/or (1) PCI Express 16 Slot (Optional) or (1) PCI x16 and (1) PCI
<b>Electrical</b>	Voltage Current Power Consumption	(1) Solid State up to 160 GB and/or (1) Rotating up to 1 TB
<b>Physical</b>	Dimensions	90-264 volts AC 3.3 amps (Maximum) 350 watts (Maximum)
		90-264 volts AC 1.7 amps (Maximum) 235 watts (Maximum)

Specifications continued on back

**COMARK CORPORATION**

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## Specifications

Weight	70 lbs
Material	Aluminum
Color	Black
Finish	Fine Texture powder coat
Mounting	Horizontal/Vertical
<b>Environmental</b>	
Temp, operating	0 to + 55 °C
Temp, storage	-20 to + 60 °C
Vibration	IEC 60945, MIL 167 Type 1
EMC emissions	IEC 60945, MIL 461
EMC/Immunity	MIL 901-D, MIL 167, MIL 810F
Handles	Optional

## Panel Mounting Template

