

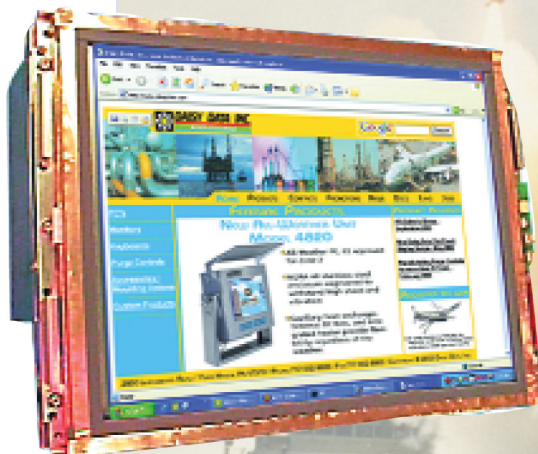
# NETWORK COMPUTERS

## FLAT PANEL

### DMOP1000

#### Standard Features and Benefits

- You will have the ultimate versatility in mounting because this panel mount is designed to fit in the smallest spaces and weighs less than 10 lbs.
- VGA Resolution Flat Panel Display User Configurable to Portrait or Landscape Mode
- High Resolution Resistive Touch Screen
- 10/100 Base-T or 10Base-2 Thinnet Network Ports
- Incredibly Rugged Design Tested and Approved for Military Applications Standards
  - Shock and VIB 901D, Grade A
  - Airborne Noise MIL Standard 740-1
  - EMI MIL Standard 461 & 462
- COTS (Commercial Off The Shelf) Design
- X-Terminal XR11 Release 6 Compliant
- VT Emulation Terminal Mode
- On Screen Virtual Keyboard for Set-up as well as Data Entry
- 400 NIT Display with 100:1 Brightness Adjustment
- Viewing Cone up to 85°
- On Screen Display (OSD) Set-up Menus
- PS/2 Keyboard Port



**I-TECH  
COMPANY**  
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Fax: 1-510-372-2736

# Specifications

## PHYSICAL

### Dimensions

7.80" Height (H)  
10.64" Width (W)  
3.035" Depth (D)

### Mounting

Panel Mount Cutout  
8.8" × 6.4"

### Operating Temperature

50 - 104° F

### Storage Temperature

-4 - 140° F

### Vibration

5 to 28 Hz @ 1.0G  
Resonance Search  
Dwell 20 min. @  
Resonant

### Shock

MIL-STD-901 Grade A,  
Class I, Type A

### EMI/RFI

MIL-STD-461 RE101, and  
RE102; CE101, and  
CE102

## ELECTRICAL

### Required Power Supply

+5VDC @ 2.75A  
+12 VDC @ 3.24A

## DISPLAY SPECIFICATIONS

### Size

LCD 10.4" Flat panel

### Resolution

640 × 480 Landscape  
480 × 640 Portrait  
256K Colors

## TOUCHSCREEN SPECIFICATIONS

### Technology

Resistive, Anti-Glare

### Resolution

210,000 points/in.<sup>2</sup>

## X-TERMINAL SPECIFICATIONS

### Model

### Memory

16MB RAM (Expandable  
to 72MB)  
8MB Flash ROM

### Processor

### Network

Ethernet 10Base-T  
Ethernet 10Base-2  
Thinnet

### Terminal Emulation

VT200

### Serial Ports

2 DB9M (One Used By  
Touchscreen)

## CONNECTIONS

### Network

RJ-45  
2 BNC Female  
(One Terminating  
Resistor Provided)

### Power

6 Position Molex  
+5VDC @ 2.75A  
+12VDC @ 3.24A

### Serial Port

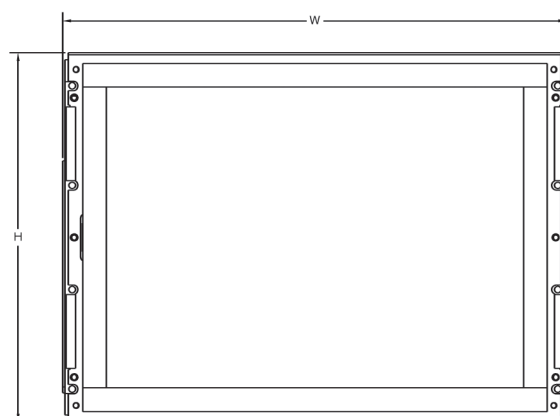
DB9 Male

## ORDERING INFO

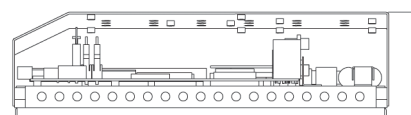
DMOP1000 Flat Panel Terminal LCD & Touch Screen

## COMMON OPTIONS (Call for the latest options)

FRONT VIEW



SIDE VIEW



## DMOP1000 History

The DMOP1000 was designed in 1996 by Daisy Data for use in the most challenging environments. This system meets MILSPEC 810, 740, and 901D and is hardened against the most challenging environmental abuse, including EMI, RFI, physical shock, temperature extremes, vibration, *and* careless users!

Because of its outstanding specifications, the DMOP1000 is now in use in the U. S. Navy's AEGIS system. Daisy Data, Inc. is proud to be a member of the Q-70 team, helping the United States' military maintain technological leadership in its ability to defend our country. All Daisy Data equipment is ***Made in the U.S.A.***