

# OPTIA® Ruggedized 24" LCD Color Monitor with optional Touch Screen Panel

OPTIA®



## DESCRIPTION

United Federal Systems produces the OPTIA® ruggedized 24-inch LCD flat panel color monitor for military and industrial applications where improved situational awareness or precision graphics is required. The thin package, WUXGA resolution, 16.7 million-color capability enhances any system. Touch screen capability is optional for convenient operator input. The display is configured to stand alone or mount with minimal protrusion. The monitor is a direct replacement for CRT monitors. The flat panel provides savings in weight, space, and power while improving reliability over CRTs.

## RUGGEDIZED FEATURES

|                     |  |
|---------------------|--|
| <b>Construction</b> | Aluminum housing/solid one-piece bezel   |
| <b>Screen</b>       | Durable polycarbonate LCD panel protection   |
| <b>Mounting</b>     | VESA Mounting Interface Standard (VESA MIS-D 100mm x 100mm; VESA MIS-F 200mm x 100mm)<br>Integrated Rugged Fold-back Desktop Stand |

## SYSTEM SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| <b>Input Voltage</b>           | AC: 90-260V, 50/60 Hz                               |
| <b>Power Consumption</b>       | 60 watts nominal                                    |
| <b>Weight</b>                  | 23 lbs  |
| <b>Dimension</b>               | 23.625" W x 15.75" H x 3.5" D                       |
| <b>Controls</b>                | Front panel membrane                                |
| <b>Signal Interface</b>        | DVI, 15 pin high density VGA                        |
| <b>User Input</b>              | Touch screen optional                               |
| <b>Display Characteristics</b> |   |
| <b>Display Type</b>            | Active matrix, thin film transistor, liquid crystal |
| <b>Resolution</b>              | 1900 pixels by 1200 pixels (WUXGA)                  |
| <b>Aspect Ratio</b>            | 16:10   |
| <b>Display Area</b>            | 20.4" W x 12.8" H                                   |
| <b>Color Pixel Size</b>        | 0.27mm by 0.27mm                                    |
| <b>Colors</b>                  | 16.7 million colors                                 |
| <b>Viewing Angle</b>           | Horizontal - 160°; Vertical; 160°                   |
| <b>Contrast Ratio</b>          | 1000:1  |
| <b>Brightness</b>              | 450 cd/m2   |
| <b>Response Time</b>           | 5ms   |

## United Federal Systems, Inc.

1984 Isaac Newton Square W, Ste 206  
Reston, VA 20190

Tel: 703-956-9377

Fax: 703-234-1575

E-mail: [info@optia.com](mailto:info@optia.com)

