



# Balefire

## Sunlight Readable Military Monitor with Integrated KVM Extender

### Features

- Front protective screen optically bonded to the LCD for better viewability
- Keypad and video are transferred through a KVM extender to allow separation of the display and computer source up to 600ft
- Power input: 120 VAC through a MIL-DTL-38999 Series III connector
- Membrane keypad with numeric, function, and OSD control keys

The Balefire sunlight readable military monitor is built to take punishment in outdoor environments. To allow for operation in tropical climates, the enclosure is sealed to MIL-STD-810E (Rain) standards while performing in a 0° to +60° C temperature range. The display is enhanced with an ESR film and the system has an optional sun visor that can be raised to further enhance sunlight readability or lowered to protect the display when not in use.

Functions keys can be assigned to various system functions for user input without an additional keyboard. Number keys are also included. Video and keypad information is transferred over a CAT5 connection through a KVM extender module up to 600 ft away from the source computer.

To provide sunlight readability with minimal temperature rise, the 15" AMTFT LCD utilizes ESR enhancements. Viewing enhancement filters are included to reduce sunlight loading. These passive enhancements, along with the transfective backlight film, match the index of refraction to reduce light reflecting back at the viewer. This, in turn, increases the contrast ratio and maximizes the readability of the display in bright lighting conditions.

A dimming control knob mounted on the front bezel allows adjustment of the display brightness for optimum screen viewability under any lighting condition.

# Balefire - Sunlight Readable Military Monitor with Integrated KVM Extender

## Specifications

### Display

- 15" 1024x768, 16.7M color AMTFT LCD; sunlight readable

### Keypad

- 0 thru 9
- F1 thru F12
- Tab, Esc, Backspace, Enter, Ctrl, and Alt
- OSD (On Screen Display) control keys

### Connections

- CAT5 for transfer of video and PS/2 keyboard data
- DB-15 and PS/2 connects on host side of KVM

### Dimensions (HxWxD)

- 14.5" x 16.4" x 6.875" (368.3 x 416.56 x 174.63 mm)

### Weight

- 26.4 lbs (11.97 kg)

### Power

- 110 VAC

### Environmental

- 0° to +60° C (Operating)
- -40° to +70° C (Storage)

### Shock

- MIL-S-901D, Class 1, Grade A

### Vibration

- MIL-STD-167-1, 4-25 Hz

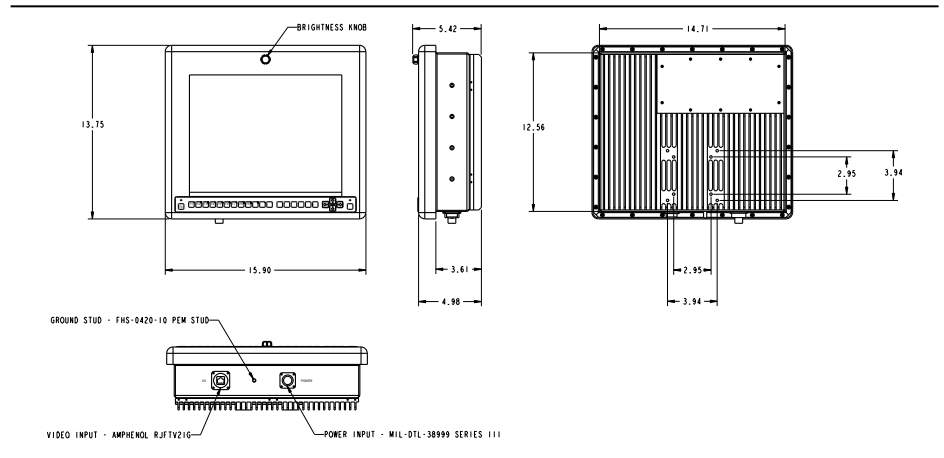
### Humidity

- MIL-STD-810E, Method 506.4, Procedure I (Rain and Blowing Rain), Method 507.4

### EMI

- MIL-STD-461E (CE102, CS101, CS114, CS116, RE101, RS101, RS103)

## Mechanical Drawings



## About Computer Dynamics

Computer Dynamics (A GE Intelligent Platforms Company) is a leading global provider of flat panel display solutions for a wide range of industries and applications. Our comprehensive product offering includes open-frame, enclosed, and environmentally sealed flat panel display systems in both computer and monitor configurations. The company is headquartered in the U.S. and is a part of GE Intelligent Platforms. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and 24/7 support to deliver what you need. For more information, visit [www.codynamics.com](http://www.codynamics.com).

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01.10 GFA-834A