



SealTouch[®] Monitor

12.1" NEMA 4/12 Flat Panel Monitor

For applications requiring a flat panel monitor interfacing to a standard analog video signal, the ST-M241 offers an off-the-shelf solution. Housed in our SealTouch NEMA 4/12 enclosure, the system is tough enough for any industrial environment. For outdoor applications the 900-nit display option allows viewability even in direct sunlight.

The ST-M241's interface is compatible with most video sources and automatically resizes lower resolutions to fill the 800x600 12.1" screen. An AC switching power supply is built into the unit. Touchscreen data is sent to the host computer via a standard COM port, and supports mouse emulation when used with software available from Computer Dynamics.

Display

- 12.1" 800x600 256k color AMTFT LCD

Standard Input

- Standard analog RGB

Linear Expansion

- Seamless expansion to fill entire screen for:
 - NTSC/S-Video/PAL
 - 640x350
 - 640x400
 - 640x480

Shrink scaling

- Allows higher resolution graphics to be displayed on a panel with lesser resolution.
Ex: 1280x1024 graphics displays properly on a 1024x768 resolution panel.

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Specifications

Weight

- 26 lbs. (11.8 kg)

Power Supply

- 50W switching supply

Touchscreen

- Infrared
- 1/8 of an inch interpolated resolution
- MTBF (sensor) controller > 80,000 hours
- O/S driver - Windows 95/98, 2000, NT
- All stylus types
- 95% transmissivity

Dimensions (WxHxD)

- 12.7" x 13.4" x 5.0"
323 mm x 340 mm x 127 mm

Environmental

- 0° to +50° C operating temperature
- NEMA 4/12 (IP65)

Options

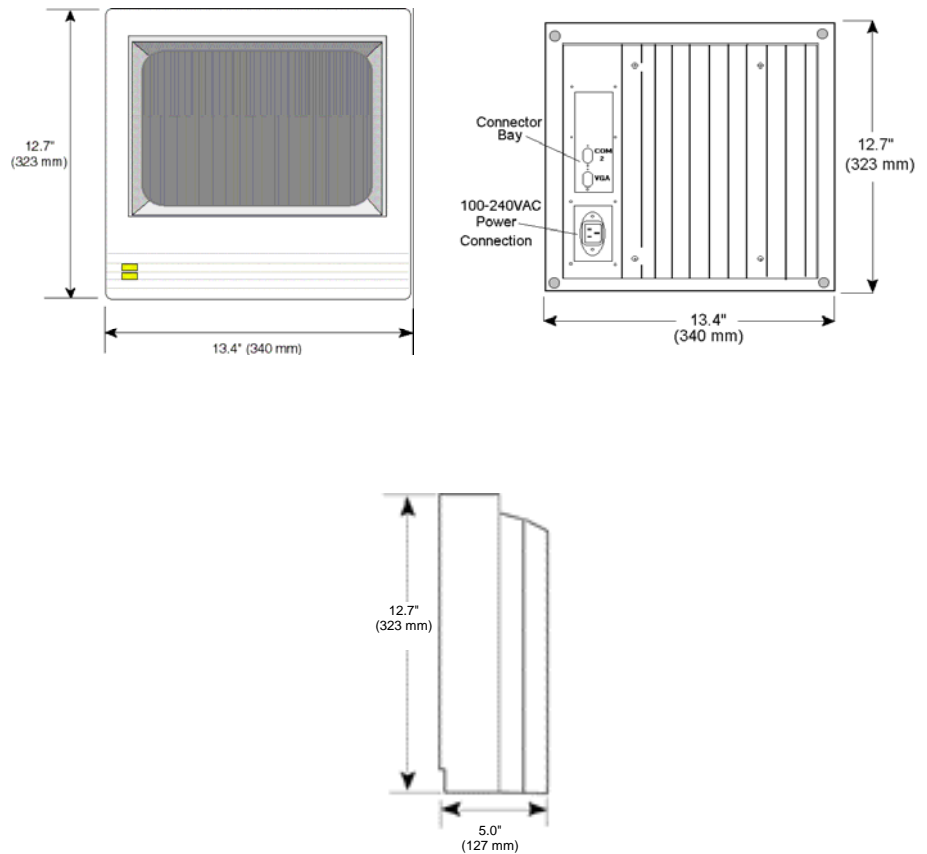
Ultra-HiBrite

- 900-nit or greater display

Input Signals

- NTSC/S-Video/PAL (NTSC)
- Synch-on-Green (SOG)
- Composite Synch (COMP)

Mechanical Drawings



Ordering Information

Part Number

ST-M241-<Display>-Options

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.cdynamics.com.

Computer Dynamics Contact Information

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