

I/A Series® Hardware

21-Inch Workstation Display



The 21-Inch (19.8-inch viewable) Workstation Display is an analog cathode ray tube (CRT) color monitor which supports multiwindow display applications requiring ultra-high resolution.

This monitor can be located up to 30 m (100 ft) from its processor. This workstation display is available in light gray or beige, and is suitable for desktop use or for mounting into a Modular Industrial Workstation (MIW), or Modular Industrial Console (MIC). The monitor utilizes a tilt and swivel base for desktop and top-mount use providing the user with optimum viewing capability.

When used with the optional Graphics Controller Input Output (GCIO) Interface unit, this monitor can be used with the following optional devices:

- annunciator and annunciator/numeric keyboard
- multitone audible alarm horn

- remote mouse/trackball and alphanumeric keyboard
- touchscreen.

The touchscreen interface divides the viewing screen into a matrix of transparent selectable areas. You select display objects by touching them on the screen. The touchscreen senses the action and sends a data signal to the processor's software, indicating the position of the touch.

Due to the differences in the magnetic fields between the northern hemisphere and southern hemisphere, customized versions of the 21-inch workstation display are available.

As symbolized by the "CE" logo on the display, this display is in compliance with the applicable European Union directives.

GCIO Interface Unit

The GCIO interface unit comes in two configurations to support a 21-inch Workstation Display for use on a desktop, or in an I/A Series Modular Industrial Workstation, or in a Modular Industrial Console.

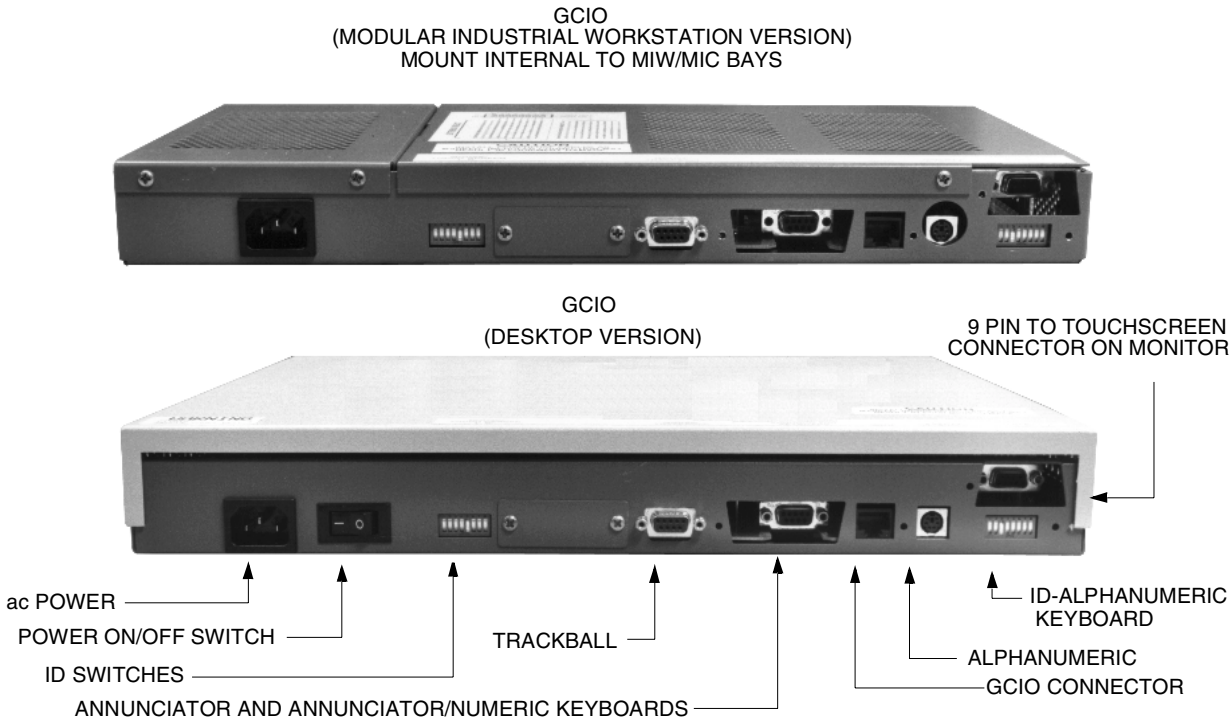


Figure 1. WP10/WP20/WP30 GCIO Units

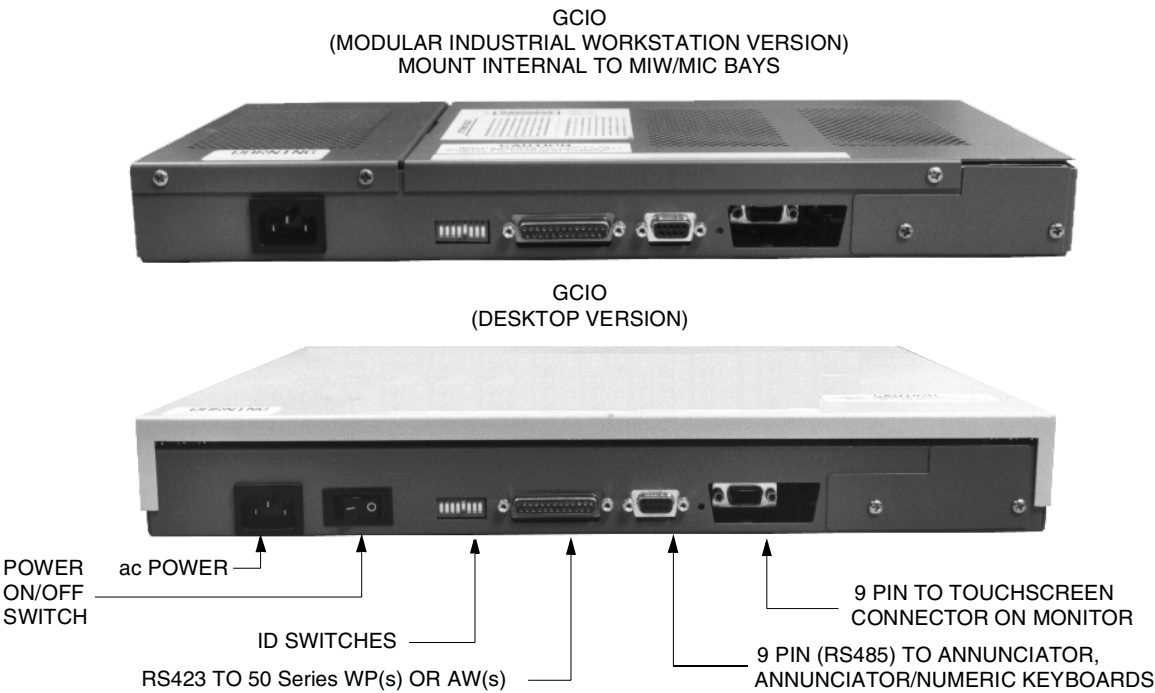


Figure 2. 50 Series/70 Series GCIO Units

FUNCTIONAL SPECIFICATIONS**Display Characteristics****PRESENTATION**

Color

SIZE

21-inch (diagonal) (19.8-inch viewable)

BAND WIDTH48 to 140 MHz, ± 3 dB**DISPLAY MODE**

66 Hz, refresh

RESOLUTION

Variable 640 H x 480 V

Up to 1600 H x 1280 V pixels

Touchscreen**TYPE**

Capacitive glass

RESOLUTION

1024 x 1024 points

Input Characteristics**ANALOG SIGNALS**

Red, green, blue, external synchronization

Power Requirements**INPUT VOLTAGE***Auto Select*

90 to 264 V ac

LINE FREQUENCY50 and 60 Hz nominal, $\pm 5\%$ **INPUT CURRENT***120 V ac*

2.0 Amps

240 V ac

1.0 Amp

ENVIRONMENTAL SPECIFICATIONS**Operating Temperatures**

10 to 40°C (50 to 104°F)

Operating Humidity

10 to 80%, at 40°C (noncondensing)

Storage Temperature

0 to +60°C (32 to 140°F)

Storage Humidity

5 to 90%, at 40°C (noncondensing)

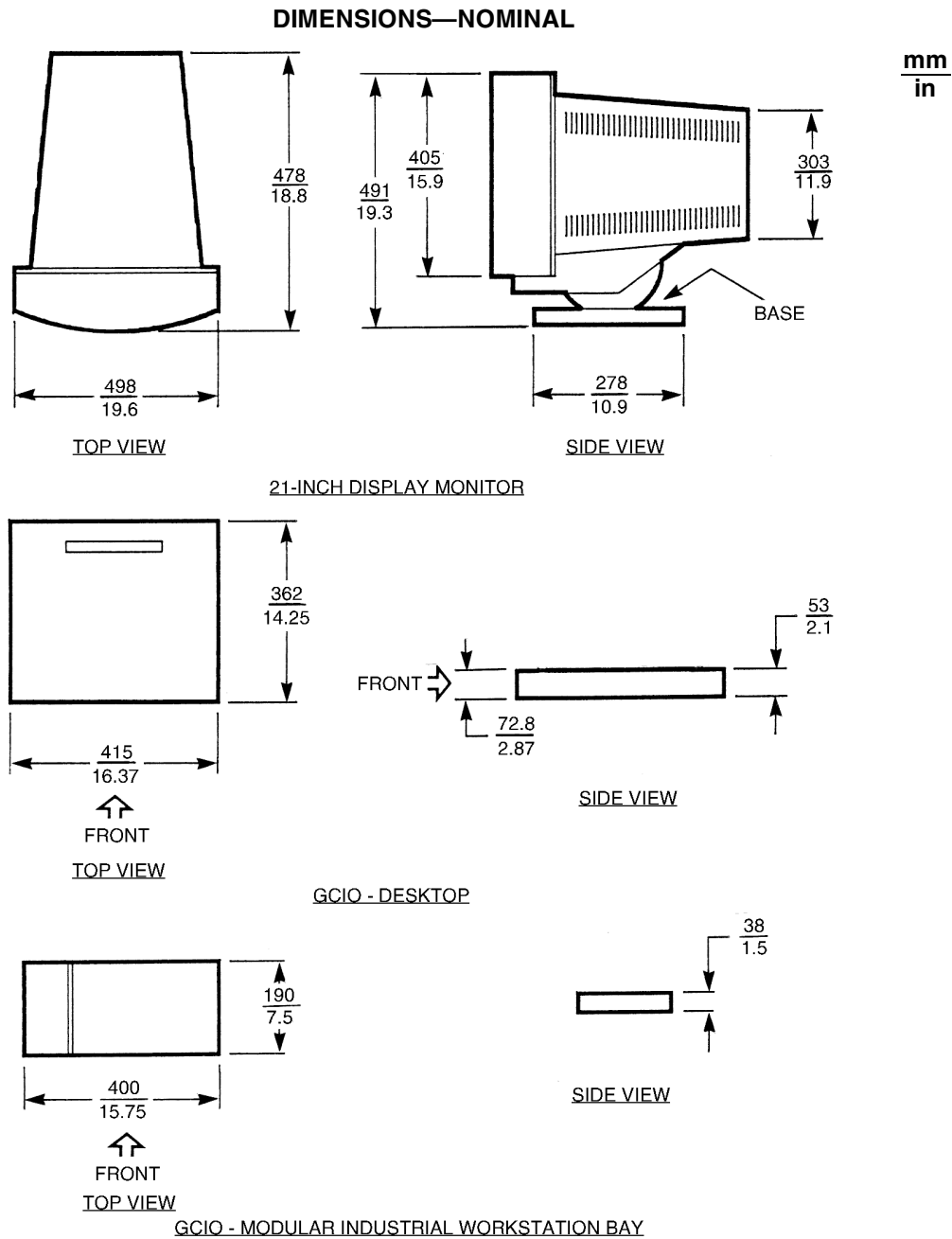
PHYSICAL SPECIFICATIONS**Mass****DISPLAY**

32 kg (70.4 lb)

Mounting

Desktop, Modular Industrial Workstation,

Modular Industrial Console



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