

20-inch Desktop Touch-Enabled CRT Display

SPECIFICATION

PICTURE TUBE

Technology: Flat Square Tube (FST), medium short persistence phosphor, 90° deflection, multi-layered antistatic screen coating and Invar shadow mask

Dot Pitch: 0.25 mm

Diagonal: 21 inch (530 mm)

Viewable Image: 20 inch (502 mm)

Display Area: Horizontal: 16.0 inches / 406 mm
Vertical: 12.0 inches / 305 mm

Maximum Resolution: 1600 pixels x 1200 lines @ 55 – 76 Hz

Display Colors: Unlimited



VIDEO INPUT SIGNAL

Video: ANALOG 0.7 Vp-p/75 Ohms

Sync: Separate sync. TTL Level
Horizontal sync. Positive/Negative
Vertical sync. Positive/Negative

Sync Range: Horizontal: 31.0 kHz to 96 kHz
Vertical: 55 Hz to 160 Hz

Supported Resolutions: 640 x 350 at 70Hz
640 x 400 at 70Hz
720 x 400 at 70Hz
640 x 480 at 60 to 120Hz
800 x 600 at 55 to 110Hz
832 x 624 at 75Hz
1024 x 768 at 55 to 87Hz
1152 x 870 at 55 to 77 Hz
1280 x 1024 at 55 to 66Hz*
1600 x 1200 at 55 to 76Hz

*Recommended for optimal performance

TOUCH SENSORS

Analog Resolution: 1024 points / axis

Capacitive Surface: Glass
Controller: Serial or USB

Surface Resolution: 1024 points / axis

Acoustical Wave Surface: Glass
Controller: Serial or USB

ENVIRONMENTAL

OPERATING

Temperature: 0° C to +35° C/32° F to 95° F

Humidity: 30% to 80%

Altitude: 0 to 10,000 Feet / 0 to 3000 m

STORAGE

Temperature: -20° C to +60° C/-4° F to 140° F

Humidity: 10% to 90%

Altitude: 0 to 45,000 Feet / 0 to 13,700 m

ELECTRICAL

Input Voltage: AC 100–240V

Current: 2.5 A @ 100–240V

Frequency: 50/60 Hz

MECHANICAL

Height: 25.4 inches / 644 mm (w/Base)
20.1 inches / 510 mm (w/o Base)

Width: 22.7 inches / 576 mm (w/Base)
19.6 inches / 498 mm (w/o Base)

Depth: 24.7 inches / 628 mm (w/Base)
20.2 inches / 512 mm (w/o Base)

Weight: 66.1 lbs / 30.0 kg Net
77.0 lbs / 35.0 kg Gross

Construction: Pre-plate and molded plastic

Finish: Black with Light Texture

Protection: None

Controls: Front of Unit

AGENCY COMPLIANCE

Safety: UL, cUL, DHHS

Emissions: FCC, CE

ORDERING INFORMATION

| Order Number | Description |
|-----------------|---|
| 05-2101-01-CA-S | 21" CRT, Black, Capacitive, Serial I/F |
| 05-2101-01-CA-U | 21" CRT, Black, Capacitive, USB I/F |
| 05-2101-01-SA-S | 21" CRT, Black, Acoustical Wave, Serial I/F |
| 05-2101-01-SA-U | 21" CRT, Black, Acoustical Wave, USB I/F |