

# 19-inch 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:	19 inch (483 mm)
Viewable Image:	18 inch (457 mm)
Display Area:	Horizontal: 14.4 inches / 365 mm Vertical: 10.78 inches / 274 mm
Maximum Resolution:	1600 pixels x 1200 lines @ 50-76 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: 30 kHz to 98 kHz Vertical: 50 Hz to 160 Hz
Supported Resolutions:	640 x 480 at 50 to 160Hz 800 x 600 at 50 to 153Hz 832 x 624 at 50 to 144Hz 1024 x 768 at 50 to 105Hz 1152 x 870 at 50 to 105 Hz 1280 x 1024 at 50 to 89Hz* 1600 x 1200 at 50 to 76Hz
	*Recommended for optimal performance

## TOUCH SENSORS

Analog	Resolution:	1024 points / axis
Capacitive	Surface:	Glass
	Controller:	Serial or USB
Surface Acoustical Wave	Resolution:	1024 points / axis
	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

## MECHANICAL

Height:	15.4 inches / 391 mm (w/Base)
Width:	17.7 inches / 450 mm
Depth:	16.3 inches / 414 mm
Weight:	40.8 lbs / 15.2 kg (w/Base)
Construction:	Pre-plate and molded plastic
Finish:	Black with Light Texture
Protection:	None
Controls:	Front of Unit

## ELECTRICAL

Input Voltage:	AC 100–240V
Current:	2.0 A @ 100–240V
Frequency:	50/60 Hz

## AGENCY COMPLIANCE

Safety:	UL, cUL, DHHS
Emissions:	FCC, CE

## ORDERING INFORMATION

Order Number	Description
05-1820-00-CA-S	19" CRT, Black, Capacitive, Serial I/F
05-1820-00-CA-U	19" CRT, Black, Capacitive, USB I/F
05-1820-00-SA-S	19" CRT, Black, Acoustical Wave, USB I/F
05-1820-00-SA-U	19" CRT, Black, Acoustical Wave, USB I/F