

# 20.1-inch Desktop Touch-Enabled LCD Display

# SPECIFICATION

## LCD MODULE

Technology:	Active matrix; thin film transistor (TFT), liquid crystal display (LCD)
Pixel Pitch:	0.255 mm
Brightness:	280 cd/m <sup>2</sup> white luminance (typical)
Contrast Ratio:	700:1 (typical)
Diagonal:	20.1 inch (511 mm)
Viewable Image:	20.1 inch (511 mm)
Display Area:	Horizontal: 16.1 inches / 408 mm Vertical: 12.0 inches / 306 mm
Native Resolution:	1600 pixels x 1200 lines
Display Colors:	16.7 million
Response Time:	16 msec (typical)
Viewing Angle:	178° Horizontal, 178° Vertical
Backlight Life:	50,000 Hours

## VIDEO INPUT SIGNAL

Video:	ANALOG: 0.7 Vp-p/75 Ohms DIGITAL: DVI-D, DVI-I
Sync:	Separate sync. TTL Level Horizontal sync. Positive/Negative Vertical sync. Positive/Negative Composite sync. Positive/Negative Sync on Green: Video 0.3 v p-p Negative (0.7v p-p positive)
Sync Range:	Horizontal: 31.5 kHz to 91.1 kHz (Analog) Horizontal: 31.5 kHz to 99.4 kHz (Digital) Vertical: 50 Hz to 85 Hz
Supported Resolutions:	640 x 400 at 70Hz to 85Hz (Digital) 720 x 400 at 70Hz to 85Hz 640 x 480 at 60Hz to 85Hz 800 x 600 at 56Hz to 85Hz 832 x 624 at 75Hz 1024 x 768 at 60 to 85Hz 1152 x 864 at 70 to 85Hz 1152 x 870 at 75Hz 1280 x 960 at 60Hz 1280 x 1024 at 60Hz to 75Hz* 1600 x 1200 at 60Hz

\* Recommended for optimal performance

## TOUCH SENSORS

Analog Capacitive	Resolution: 1024 points / axis Surface: Glass Controller: Serial or USB
5-Wire Resistive	Resolution: 900 points / sq. inch Surface: Polyester Film Controller: Serial or USB
Surface Acoustical Wave	Resolution: 1024 points / axis Surface: Glass Controller: Serial or USB

## ENVIRONMENTAL

### OPERATING

Temperature:	+5° C to +35° C/+41° F to 95° F
Humidity:	30% to 80%
Altitude:	0 to 10,000 Feet

### STORAGE

Temperature:	-10° C to +60° C/+14° F to 140° F
Humidity:	10% to 85%
Altitude:	0 to 40,000 Feet



## MECHANICAL

Height:	16.4" to 22.3" / 416 - 566 mm (w/Stand) 13.4 inches / 340 mm (w/o Stand)
Width:	17.3 inches / 439 mm
Depth:	9.7 inches / 247 mm (w/Stand) 3.3 inches / 85 mm (w/o Stand)
Weight:	23.0 lbs / 8.6 kg (w/Stand) 17.0 lbs / 6.3 kg (w/o Stand)
Construction:	Pre-plate and molded plastic
Finish:	Grey or Black, Light Texture
Protection:	None
Controls:	Front of Unit
<b>Note:</b>	Unit equipped with 100 mm VESA mount

## ELECTRICAL

Input Voltage:	AC 100–240V
Current:	0.5 A @ 100–120V / 0.25A @ 220–240V
Frequency:	50/60 Hz

## AGENCY COMPLIANCE

Safety:	UL, C-UL, DHHS
Emissions:	FCC Class B, CE
Environmental:	RoHS

## ORDERING INFORMATION

Order Number	Description
05-2053-xx	20.1" LCD, Plastic, No Touch
05-2053-xx-CA-S	20.1" LCD, Plastic, Capacitive, Serial
05-2053-xx-CA-U	20.1" LCD, Plastic Capacitive, USB
05-2053-xx-RA-S	20.1" LCD, Plastic, Resistive, Serial
05-2053-xx-RA-U	20.1" LCD, Plastic, Resistive, USB
05-2053-xx-SA-S	20.1" LCD, Plastic, SAW, Serial
05-2053-xx-SA-U	20.1" LCD, Plastic, SAW, USB

### Note:

- 04 Grey, Plastic Enclosure
- 05 Black Plastic Enclosure