

## 19-inch Desktop Touch-Enabled LCD Display

### LCD MODULE

Technology: Active matrix; thin film transistor (TFT), liquid crystal display (LCD)

Pixel Pitch: 0.294 mm

Brightness: 250 cd/m<sup>2</sup> white luminance (typical)

Contrast Ratio: 800:1 (typical)

Diagonal: 19 inch (460 mm)

Viewable Image: 19 inch (460 mm)

Display Area: Horizontal: 14.9 inches / 378.5 mm  
Vertical: 12.0 inches / 304.8 mm

Native Resolution: 1280 pixels x 1024 lines

Display Colors: 16.7 million

Response Time: 18 msec (typical)

Viewing Angle: 176° Horizontal, 176° Vertical

Backlight Life: 50,000 Hours

### VIDEO INPUT SIGNAL

Video: Analog: 0.7 Vp-p/75 Ohms  
Digital: DVI-D

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

Sync Range: Horizontal: 31.5 kHz to 81.1 kHz  
Vertical: 55 Hz to 76 Hz

Supported Resolutions: 720 x 400 at 70Hz  
640 x 480 at 60 to 75Hz  
800 x 600 at 56 to 75Hz  
832 x 624 at 75Hz  
1152 x 864 at 70Hz  
1152 x 870 at 75Hz  
1024 x 768 at 60 to 75Hz  
1280 x 960 at 60 to 75Hz  
1280 x 1024 at 60 to 75Hz \*

\*Recommended for optimal performance.

### TOUCH SENSORS

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

5-Wire Analog Resolution: 900 points / sq. inch  
Resistive Surface: Polyester Film  
Controller: Serial or USB

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

### ENVIRONMENTAL

#### OPERATING

Temperature: 5° C to +35° C/41° F to 95° F

Humidity: 30% to 80%

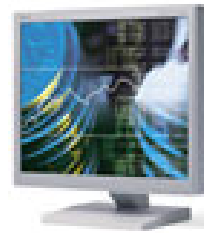
Altitude: 0 to 10,000 Feet / 0 to 3000 m

#### STORAGE

Temperature: -10° C to +60° C/14° F to 140° F

Humidity: 10% to 85%

Altitude: 0 to 40,000 Feet / 0 to 12,000 m



### MECHANICAL

Height: 16.8 inches / 428 mm (w/Stand)  
14.6 inches / 370 mm (w/o Stand)

Width: 16.5 inches / 418 mm

Depth: 7.9 inches / 200 mm (w/Stand)  
2.7 inches / 68 mm (w/o Stand)

Weight: 14.3 lbs / 6.5 kg (w/Stand)  
12.1 lbs / 5.5 kg (w/o Stand)

Construction: Pre-plate and molded plastic

Finish: Grey or Black, Light Texture

Protection: None

Controls: Front of Unit

**Note:** Unit equipped with standard 100 mm VESA mount.

### ELECTRICAL

Input Voltage: AC 100–240V

Current: 0.75 A @ 100–120V / 0.4A @ 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
05-1841-xx	19" LCD, Plastic, No Touch
05-1841-xx-CA-S	19" LCD, Plastic, Grey, Capacitive, Serial
05-1841-xx-CA-U	19" LCD, Plastic, Grey, Capacitive, USB
05-1841-x0-RA-S	19" LCD, Plastic, Grey, Resistive, Serial
05-1841-x0-RA-U	19" LCD, Plastic, Grey, Resistive, USB
05-1841-x0-SA-S	19" LCD, Plastic, Grey, SAW, Serial
05-1841-x0-SA-U	19" LCD, Plastic, Grey, SAW, USB

#### Note:

-02 - Grey Plastic Enclosure  
-03 - Black Plastic Enclosure