



VM-617LCD and VM-619LCD Flat Panel LCD Monitors

- 17 or 19-inch TFT LCD screen
- Convenient front panel and OSD controls
- 2 video inputs and outputs and S-Video in
- Resolution up to 1280 x 1024, depending on scan rate
- VGA/SXGA
- Video and VGA inputs
- NTSC/PAL

Vicon's VM-617LCD and VM-619LCD Flat Panel LCD Monitors provide clear bright displays on a 17-inch and 19-inch panels, respectively. The VM617 and VM619 have a resolution range of 640x480 @ 60/72/75 to 1280x1024 @ 60/75 (SXGA), depending on scan rate. The monitors accept NTSC or PAL television systems.

The monitors are easily operated from front panel buttons. Controls include a power switch and indicator, video input selection, cursor and adjustment up and down, and a Menu button for the OSD. There is also a button to auto-optimize the displayed picture in PC mode. The OSD menu allows adjustment of volume, brightness, contrast, color, tint, sharpness, language, horizontal and vertical position, key lock, backlight, titling display, and VGA set up. All connectors for power, video, audio and external equipment are located on the side panel.

The VM-617LCD and VM-619LCD monitors meet requirements for an FCC Class B device, UL, CUL and CE.

ASOCIATED EQUIPMENT AND ACCESESORIES

Model VM-617LCD-RK and VM-619LCD-RK, Product Codes 8776-25 and 8776-35: Rack mount kits to allow the VM-617LCD and VM-619LCD monitor to be mounted in a standard 19-inch rack.

Table 1: Models. Product Codes and Descriptions

Model No.	Product Code	Description
VM-617LCD	8776-20	17-in. flat panel LCD
VM-619LCD	8776-30	19-in. flat panel LCD

Technical Information

VIDEO

Screen Size: VM-617LCD: 17 in. (432 mm);
VM-619LCD: 19 in (483 mm),
measured diagonally.

Horizontal Resolution: 640x480 @ 60/72/75;
800x600 @ 56/60/72/75
1024x768 @ 60/70/75
1280x1024 @ 60/75.

Video Input Signal: Composite video, separate Y/C (S-Video) and VGA.

Scanning System: NTSC/PAL, automatic selection.

Video In/Out: 75 ohm, auto-terminating. Active video loop (video passes when power off).

Frequency: **Horizontal:** PC: 31.5 K – 80 KHz; Video: 15750/15625 Hz (NTSC/PAL).
Vertical: PC: 56-75 Hz; Video: 50/60 Hz (NTSC/PAL).

Brightness: 250 cd/m².

Contrast: VM-617LCD: 450:1.
VM-619LCD: 500:1.

Pixel Pitch: VM-617LCD: 0.264 mm.
VM-619LCD: 0.294 mm.

ELECTRICAL

Input Voltage: 100-240 VAC, 50/60 Hz, universal power.

Current: VM-617LCD
0.24 A @ 120 VAC;
0.13 A @ 230 VAC.
VM-619LCD
0.25 A @ 120 VAC;
0.14 A @ 230 VAC.

Power Consumption: 40 W.

Heat Equivalent: 2.3 btu/min (0.6 kg-cal/min).
Note: These figures represent the conversion of 100% of the electrical energy to heat. Actual percentage of the heat generated will be less and will vary from product to product. These figures are provided as an aid in determining the extent of cooling required for an installation.

Radio Emission Standard: FCC Class B.

CONTROLS AND CONNECTORS

- Front Panel Controls:** Power ON/OFF, LED indicator. MENU provides OSD controls. Adjustment Up and Down. Video input selection control.
- OSD Menu Controls:** Power Latching, Power Auto On, Key Lock, Language (English, French, Spanish), Backlight, Display, Video Loss Setup, V-Loss Sleep Time, Volume; Sharpness, Color, Contrast, Brightness, Tint (NTSC only), Video System, Scan Mode, Color Temp; H-Position; V-Position and VGA setup.
- Video Inputs/Outputs:** Composite: 2 BNCs each, input/output; Y/C: 1 S-Video; VGA: 1 15-pin D-SUB.
- Audio Input/Output:** 2 RCA phone connectors each; PC: 1 1/8-in. phono.
- Power Cable:** 3-conductor SVT VW-1 18 AWG cable with grounding plug.

MECHANICAL

- Mounting:** Desk top or VESA 100.
- Viewing Angle:** 160°/160° (Horizontal/Vertical).
- Dimensions:** VM-617LCD: Height (H): 15.4 in. (390 mm). Width (W): 14.0 in. (354.5 mm). Depth (D): 2.9 in. (74.2 mm). VM-619LCD: Height (H): 16.7 in. (425 mm). Width (W): 15.6 in. (396 mm). Depth (D): 3.0 in. (75.6 mm).
- Weight:** VM-617LCD: 12.3 lb (5.6 kg). VM-619LCD: 14.3 lb (6.5 kg).
- Shipping Dimensions:** VM-617LCD Height: 18.3 in. (466 mm). Width: 18.9 in. (479 mm). Depth: 7.4 in. (188 mm). VM-617LCD Height: 20.1 in. (511 mm). Width: 20.4 in. (518 mm). Depth: 7.4 in. (188 mm).
- Shipping Weight:** VM-617LCD: 16.5 lb (7.5 kg). VM-619LCD: 18.3 lb (8.3 kg).
- Shipping Volume:** VM-617LCD 1.5 ft³ (0.04 m³). VM-619LCD 1.75 ft³ (0.05 m³).

ENVIRONMENTAL

- Operating Temperature Range:** 14 to 122° F (-10 to 50° C).
- Humidity Range:** 20 to 80%, relative.