DATA/ SPEC SHEET

✕ VICON

HIGH-DEFINITION LED MONITORS

VM-6185LED and VM-6215LED-1

VM-623LED-1

VM-624LED/VM-632LED/VM-642LED

- 18.5, 21.5, 23, 24, 32 and 42-inch models
- Convenient front panel and OSD controls
- HDMI, DVI and VGA inputs
- Resolution up to 1920 x 1080
- NTSC/PAL
- Desk or wall (VESA) mounting; rack-mount option

Vicon's series of LED monitors provide clear, bright displays and offer a choice of mounting options, including desk, or wall using a standard VESA wall-mount kit. All models have built-in speakers. The 24-, 32- and 42-inch models offer a 3D comb-filter with de-interlace capability for high-definition video reproduction. Picture-in-picture (PIP) and picture-by-picture (PBP) display capabilities are provided in the 24-, 32- and 42-inch model.

The monitors are easily operated from front panel buttons. Connectors for power, video, audio and external equipment are located on the bottom or back of the monitor (model dependant).

Ordering Information

Monitor	Model
18.5" LED Monitor, 720p (1366x768) HD resolution, stereo, NTSC/PAL.	VM-6185LED
21.5" LED Monitor, 1080p (1920x1080) HD resolution, stereo, NTSC/PAL.	VM-6215LED-1
23" LED Monitor, 1080p (1920x1080) HD resolution, stereo, NTSC/PAL.	VM-623LED-1
24" LED Monitor, 1080p (1920x1080) HD resolution, stereo, NTSC/PAL.	VM-624LED
32" LED Monitor, 1080p (1920x1080) HD resolution, stereo, PIP, NTSC/PAL.	VM-632LED
42" LED Monitor, 1080p (1920x1080) HD resolution, stereo, PIP, NTSC/PAL.	VM-642LED
Rack Mount for VM-6185LED/VM-6215LED-1/VM-623LED-1*	VM-RK

When mounting the 21.5/23-inch models, the monitor is placed outside the rack.

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| Feature	VM-6185LED	VM-6215LED-1	VM-623LED-1	VM-624LED	VM-632LED	VM-642LED
Screen Size	18.5 inches	21.5 inches	23 inches	24 inches	32 inches	42 inches
Resolution @ 60 Hz	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Contrast Ratio	1000:1	1000:1	1000:1	5000:1	3000:1	3000:1
Brightness	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	350 cd/m²	350 cd/m²
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Color Depth	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M
Viewing Angle	170°/160°	170°/160°	170°/160°	178°/178°	178°/178°	178°/178°
Pixel Pitch	0.300 x 0.300 mm	0.248 x 0.248 mm	0.248 x 0.248 mm	0.276 x 0.276 mm	0.36375 x 0.6375 mm	0.485 x 0.485 mm
Response Time	<5 ms	<5 ms	<5 ms	<12 ms	<6.5 ms	<6.5 ms
Composite Video In/Out	N/A	N/A	N/A	2/2	2/2	2/2
RGB In (15-pin D-Sub) (VGA/RGB for 32/42-in)	1	1	1	1	1	1
HDMI In	1	1	1	1/1	1/1	1/1
DVI In	1	1	1	1	1	1
Component Video	N/A	N/A	N/A	1	1	1
S-Video In/Out	N/A	N/A	N/A	1/1	1/1	1/1
Audio In/Out (RCA type)	N/A	N/A	N/A	2	2	2
PC Stereo In	1/0	1/0	1/0	1/1	1/1	1/1
Trigger In	N/A	N/A	N/A	1	1	1
Built-In Speaker	2W x 2	2W x 2	2W x 2	2W x 2	2W x 2	2W x 2
Languages Supported	English, Spanish, French, Korean and Dutch	English, Spanish, French, Korean and Dutch	English, Spanish, French, Korean and Dutch	English, Spanish, French, German, Italian, Portuguese and Dutch	English, Spanish, French, German, Italian, Portuguese and Dutch	English, Spanish, French, German, Italian, Portuguese and Dutch
3D Comb-Filter; De-Interlace; PIP/ PBP; Trigger Sensor; Image Rotation	N/A	N/A	N/A	Yes	Yes	Yes
Input Power	12 VDC; 100-240 VAC, 50/60 Hz	12 VDC; 100-240 VAC, 50/60 Hz	12 VDC; 100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Current	1.1 A @ 12 VDC	2.1 A @12 VDC	2 A @12 VDC	0.37 A @115 VAC 0.19 A @230 VAC	0.5 A @115 VAC 0.24 A @230 VAC	0.6 A @115 VAC 0.3 A @230 VAC
Power Consumption	13.2 W	25.2 W	24 W	43 W	55 W	67 W
Mounting	Standard VESA compatible 100x100 mm or Desk (stand included); rack mount option	Standard VESA compatible 100x100 mm or Desk (stand included); rack mount option	Standard VESA compatible 100x100 mm or Desk (stand included); rack mount option	Standard VESA compatible 200x200 mm or Desk (stand included)	Standard VESA compatible 200x200 mm or Desk (stand included)	Standard VESA compatible 600x100x100 mm or Desk (stand included)
Operating Temperature	32° to 104°F (0° to 40°C)					
Operating Humidity	10 to 80% non-condensing					
Certifications	TUV-NRTL, FCC Class A, CE, CB					
Warranty	3 years parts and labor					

VM-6185LED

- W: 17.60" (447 mm), H: 13.08" (332 mm), D: 1.77" (45 mm)
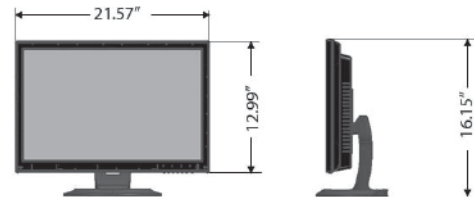- Weight: 6.79 lb (3.08 kg)
- Black
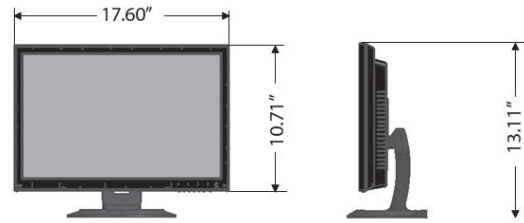
VM-6215LED-1

- W: 20.28" (515 mm), H:14.61" (371 mm), D: 1.77" (45 mm)
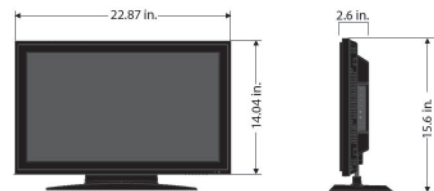- Weight: 7.31 lb (3.3 kg)
- Black
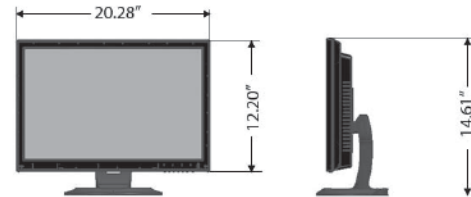
VM-623LED-1

- W: 21.57" (548 mm), H: 16.11" (409 mm), D: 2.13" (54 mm)
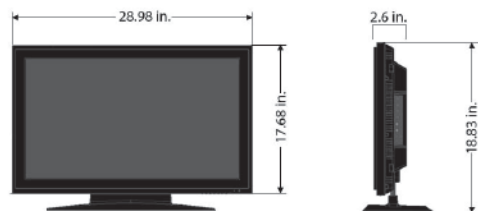- Weight: 8.4 lb (3.81 kg)
- Black

VM-624LED

- W: 22.8" (581 mm), H: 15.6" (396 mm), D: 2.6" (66.1 mm)
- Weight: 17.7 lb (13 kg)
- Black

VM-632LED

- W: 28.98" (792 mm), H: 17.68" (449 mm), D: 2.6" (66.1 mm)
- Weight: 28.7 lb (13 kg)
- Black

VM-642LED

- W: 38" (965.4 mm), H: 22.85" (580 mm), D: 2.6" (66.1 mm)
- Weight: 42.8 lb (19.4 kg)
- Black