

T F T D I S P L A Y



1024 x 768 pixel resolution

High Contrast ratio of 400:1

Fast response time of 16 ms (typical)

The Diamond View DV159 from Mitsubishi Electric Australia is a high-contrast active matrix Liquid Crystal Display (LCD) monitor with 15"/38.1cm diagonal viewable area, super slim profile and contemporary style. With a fast response time of 16ms the DV159 is an ideal monitor for gaming and motion video. The high contrast and brightness make it effective in well lit areas and with VESA mounting it with can be placed in almost any location. LCD monitors have the added advantages of low power consumption, light weight and small size when compared with conventional CRT-based monitors.

KEY FEATURES:

- XGA (1024 x 768 pixel) Resolution LCD Panel
- New slim design
- High Brightness (250 cd/m²) and 400:1 Contrast Ratio
- Plug and Play Compatibility with Microsoft® Windows® 95, 98, 2000, XP and Millennium Edition
- Apple® Macintosh® Compatible
- Space Saving - only 211 mm deep including the stand and 46 mm deep with the stand removed
- Light Weight - only 3.5 kg
- Lower Power Consumption - 30 W maximum during operation with audio
- Power Saving - Power management complies with VESA DPMS standard. When the system is idle (in monitor off mode), the monitor automatically cuts its power consumption to less than 3 W
- On Screen Display
- Auto Adjustment Function
- High Quality Ratiometric Expansion expands the image to full screen with any resolution
- True Colour Display
- Removable Stand with VESA Standard Mounting
- Built-in Stereo Amplifier and Speakers
- Optional Touchscreen available



MODEL	DIAMOND VIEW DV159
DISPLAY CHARACTERISTICS	
Display Type	15" active matrix Thin Film Transistor Liquid Crystal Display
Viewable Diagonal Area	38.1 cm / 15"
Display Area (Hor, Vert)	304.1 x 228.1 mm
Native (Maximum) Resolution	1,024 x 768 pixels
Colours	16.7 million
Contrast Ratio	400:1
Brightness	250 cd/m ² (typical)
Response Time	16 ms (typical)
Viewing Angle (Hor, Vert)	+60°/-60°, +40°/-60° (typical)
Dot Pitch	0.3 mm
USER INTERFACE	
Controls	Mains power switch, Automatic image adjustment, 4 OSD buttons
On-Screen Display Functions	Contrast, Brightness, Vert. & Hor. Image Position, Phase, Pixel Clock, Colour Balance, Colour Palette, Choice of language (6 language OSD), OSD Position, Status Indicator
Microprocessor Controlled Graphics Modes	12 modes: 9 VESA modes, 3 DOS modes
INPUT SIGNAL	
Horizontal Frequency	31.5 – 63 kHz, multi-frequency
Vertical Frequency (Refresh Rate)	56.3 – 75.0 Hz, multi-frequency
Video Signal	RGB analog (positive polarity), 0.7 Vpp / 75 Ohm
Synchronisation	Separate or Composite (TTL level)
Signal Connection	15-pin mini D-sub cable
AUDIO	
Audio Output Power	1 Watt/Channel (at 1 kHz)
Frequency Response	50 Hz – 12 kHz
THD / Signal/Noise	< 1% / 40 dB
PHYSICAL CHARACTERISTICS	
Power Management	VESA DPMS, Energy Star
Power Consumption	30 Watts during operation, with audio < 3 Watts in power saving mode
Operating Voltage (AC Adaptor)	Automatic switched mode power supply, 100 – 240 V at 50 – 60 Hz
Operating Voltage (Monitor)	12 V DC
Dimensions (W x H x D)	356 x 383 x 212 mm including stand 356 x 328 x 46 mm with stand removed
Weight	3.5 kg (including stand)
Temperature (Operating)	0 °C – 40 °C
Air Humidity (Operating)	20% – 85%
REGULATORY CERTIFICATION	
Safety	AS/NZS 60950, IEC 950, EN 60950 (TÜV/GS), UL, CSA
EMI/EMC	AS/NZS 3548 (C-Tick), CE, FCC
Other	TÜV/Ergonomics, ISO 13406-2, MPR-II.

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