

TFT DISPLAY



1024 x 768 pixel resolution

**High Contrast
Ratio of 400:1**

**Fast response time
of 16 ms (typical)**

The Diamond View DV154 from Mitsubishi Electric Australia is a new high contrast active matrix Liquid Crystal Display (LCD) monitor with 15"/38.1 cm diagonal viewable area. With a fast response time of 16ms the DV154 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 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
- High Brightness (250 cd/m²) and 400:1 Contrast Ratio
- Plug and Play Compatibility with Microsoft® Windows® 95, 98, 2000, Me and XP
- Apple® Macintosh® compatible
- Space Saving - the DV154 LCD monitor's footprint is only 190 mm deep including the stand
- Light Weight - only 3.5 kg
- Lower Power Consumption - 40 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
- Automatic Adjustment Function for easy installation: automatically optimises the displayed image by tuning it to the characteristics of the graphics signal
- High Quality Ratiometric Expansion expands the image to full screen with any resolution
- Removable Stand with VESA Standard Mounting
- Built-in Stereo Amplifier and Speakers
- Available in cream (DV154) or Black (DV154B) cabinet colours



MODEL	DIAMOND VIEW DV154/DV154B
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 228.0 mm
Native (Maximum) Resolution	1,024 x 768 pixels
Colours	16.7 million
Contrast Ratio	400:1 (typical)
Brightness	250 cd/m ² (typical)
Response Time	16 ms (typical)
Viewing Angle (Hor, Vert)	±60°, +60°/-40° (typical)
Dot Pitch	0.3 mm
USER INTERFACE	
Controls	Mains power switch, 4 buttons to control On-Screen Display, Automatic Image Adjustment
On-Screen Display Functions	Contrast, Brightness, Vert. & Hor. Image Position, Phase, Pixel Clock, Color Balance, Color Palette, Choice of language (6 language OSD), OSD Position, Status Indicator
Microprocessor Controlled Graphics Modes	12 modes: including 9 VESA modes
INPUT SIGNAL	
Line Frequency	31.5 – 63 kHz multi-frequency
Image Frequency (Refresh Rate)	56.3 – 75.0 Hz
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% / 50 dB
PHYSICAL CHARACTERISTICS	
Power Management	VESA DPMS, Energy Star
Maximum Power Consumption	40 Watts
Power Saving Mode	< 3 Watts
Operating Voltage	Automatic switched-mode power supply 100 – 240 V, 50 – 60 Hz
Dimensions (W x H x D)	354 x 361 x 190 mm
Weight	3.5 kg
Temperature (Operating)	5 °C – 40 °C
Air Humidity (Operating)	20% – 80%
REGULATORY CERTIFICATION	
Safety	AS/NZS 60950, IEC 950, EN 60950 (TÜV-GS), UL 1950, CSA
EMI/EMC	AS/NZS 3548, EN 55022, FCC, VCCI, CE Mark
Other	TÜV/Ergonomics, ISO 13406-2, MPR-II. Compliant with the Emission, ergonomic and energy requirements of TCO'99. (DV154 only)

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