

TFT DISPLAY



**Very High Brightness
and Contrast**

**1024 x768 pixel
resolution**

**3 year limited
on-site warranty**

The Diamond View DV156 from Mitsubishi Electric Australia is a high-contrast active matrix Liquid Crystal Display (LCD) monitor with 15" viewable area. It combines thin, sleek design with superior image quality and high brightness. The thin-film transistor (TFT) LCD panel used in Mitsubishi's monitors provides crisp, clear and bright images with a wide viewing angle. LCD monitors have the added advantages of low power consumption, low weight and small size, requiring less desk space, 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 and Millennium Edition
- Space Saving - the DV156 LCD monitor's footprint is only 186 mm deep including the stand
- Light Weight - only 5.8 kg
- Lower Power Consumption - 45 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 5 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
- Built-in USB Hub 2 downstream ports and 1 upstream port



BR/MONDV156/0801/1

MODEL	DIAMOND VIEW DV156
DISPLAY CHARACTERISTICS	
Display Type	15" active matrix Thin Film Transistor Liquid Crystal Display
Viewable Diagonal Area	38.1 cm / 15"
Display Area (Horizontal, Vertical)	304.1 x 228.1 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	25 ms (maximum)
Viewing Angle (Horizontal, Vertical)	±80°, ±80°
Dot Pitch	0.3 mm
USER INTERFACE	
Controls	Mains power switch, 2 buttons and rotary wheel 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	15 modes: 10 Preset modes, 5 User modes
INPUT SIGNAL	
Line Frequency	31.5 – 60.2 kHz multi-frequency
Image Frequency (Refresh Rate)	56.3 – 75.0 Hz. Within the parameters detailed in chapter 6
Video Signal	RGB analog (Positive polarity) 0.7 Vpp/75 Ohm
Synchronisation	TTL separate, composite TTL
Signal Connection	15-pin mini D-sub cable
PHYSICAL CHARACTERISTICS	
Power Management	VESA DPMS, Energy Star
Maximum Power Consumption	45 Watts
Power Saving Mode	< 5 Watts
Operating Voltage	Automatic switched-mode power supply, 90 – 264 V, 47 – 63 Hz
Dimensions (W x H x D)	380 x 383 x 186 mm
Weight	5.8 kg
Temperature (Operating)	0 °C – 40 °C
Air Humidity (Operating)	20% – 85%
AUDIO	
Audio Output Power	1 Watt / Channel (at 1 kHz)
Frequency response	50 Hz – 12 kHz
THD / Signal/Noise	< 1% / 50 dB
USB HUB	
Ports	1 Upstream and 2 Downstream
USB Standard	USB Specification Revision 1.1
REGULATORY CERTIFICATION	
Safety	IEC 950, EN 60950 (TÜV/GS) AS/NZS 3260, UL1950, PTB
EMI/EMC	CSA, FCC Class B, AS/NZS 3548, VCCI
Other	TÜV/Ergonomics, FTZ Class B, DSNF, ISO 9241 – 3 – 7 – 8, CE Mark. Compliant with the ergonomic, emission and energy requirements of TCO'99.

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