

TFT DISPLAY



DVI Digital, Analogue and Video Inputs

1600 x 1200 pixel resolution

Extra wide viewing angle: $\pm 80^\circ$

The Diamond View DV200B from Mitsubishi Electric Australia is a versatile high-contrast active-matrix Liquid Crystal Display (LCD) monitor with a huge 20.1"/51 cm diagonal viewable area. The DV200B combines 1600 x 1200 pixel resolution with superior image quality and high brightness. The added flexibility of Analogue, DVI Digital, Video and S-Video signal interfaces means that the DV200B can be used with a wide range of computer and video equipment. LCD monitors have the added advantages of low power consumption, light weight and small size.

KEY FEATURES:

- 20.1" diagonal viewable screen area - bigger than a 21" CRT monitor!
- High Resolution, 1600 x 1200 Pixel Thin-Film Transistor LCD Panel
- High Brightness and Contrast - 250 cd/m² brightness and 350:1 contrast ratio
- Dual Computer Signal Inputs - DVI Digital and Analogue
- Composite Video and S-Video inputs, compatible with PAL, NTSC and SECAM video systems
- Plug and Play compatible with Microsoft® Windows® 95, 98, 2000, Me and XP
- Apple® Macintosh® compatible
- Auto Adjustment Function for easy installation: automatically optimises the displayed image by tuning it to the characteristics of the graphics signal
- High Quality Ratiometric Expansion: Any graphics resolution within the monitor's specified range is automatically expanded to full screen
- Light Weight - only 10.5 kg
- Removable Stand with VESA Standard Mounting. Optional ergonomic arms and wall mounting brackets are available

MODEL	DIAMOND VIEW DV200B
DISPLAY CHARACTERISTICS	
Display Type	20.1" Active Matrix Thin Film Transistor Liquid Crystal Display
Viewable Diagonal Area	51 cm / 20.1"
Display Area (Horizontal x Vertical)	408 x 306 mm
Native (Maximum) Resolution	1600 x 1200 pixels
Colour Depth	16.7 million colours
Brightness	250 cd/m ² (typical)
Contrast Ratio	350:1 (typical)
Response Time	45 ms (maximum)
Viewing Angle (Horizontal, Vertical)	±80°, ±80° (typical)
Dot Pitch	0.255 mm (Horizontal and Vertical)
USER INTERFACE	
Controls	Mains power switch, Signal Input Selection button, 5 buttons to control On-Screen Display, Automatic image adjustment button
On-Screen Display Functions	Contrast, Brightness, Image Position, Pixel Clock and Phase, Colour Temperature and Balance, Language, OSD Position, Picture-In-Picture Selection, Image Zoom, Image Sharpness, Image Scaling, Status Indicator, Factory Reset
Preset Colour Temperatures	6500K and 9300K
Microprocessor Controlled Graphics	10 Preset VESA Modes, 12 User Modes
INPUT SIGNAL - RGB	
Horizontal Frequency	30 - 80 kHz multi-frequency
Vertical Frequency (Refresh Rate)	56 - 76 Hz
Video Signal	RGB analog (Positive polarity), 0.7 Vpp/75 Ohm
Synchronisation (Analogue)	TTL - separate or composite
Signal Connection	Analogue (15-pin mini D-sub cable) and DVI-digital
Plug & Play	DDC-2B - Compatible with Windows 95, 98, 2000, XP and Millennium Edition
INPUT SIGNAL - VIDEO	
Video Signal	PAL, NTSC and SECAM
PHYSICAL CHARACTERISTICS	
Maximum Power Consumption	60 Watts
Power Saving Mode	< 3 Watts
Power Management	VESA DPMS, Energy Star
Operating Voltage (AC Adaptor)	Automatic switched mode power supply, 100 - 240 Vac, 50 - 60 Hz
Operating Voltage (Monitor)	19.5 Vdc, 3.5 A (max)
Dimensions (W x H x D)	514 x 492 x 260 mm including stand 514 x 418 x 75 mm with stand removed
Weight	10.5 kg including stand 8.0 kg with stand removed
Base Tilt	-5° ~ +15°
Operating Temperature	5 °C ~ 35 °C
Operating Air Humidity	10% ~ 80%, non-condensing
REGULATORY CERTIFICATION	
Safety	AS/NZS 60950, IEC 950, EN 60950 (TÜV/GS), UL, CSA
EMI/EMC	AS/NZS 3548 Class B (C-Tick), CE, FCC-B, VCCI
Other	TÜV/Ergonomics, ISO 13406-2, MPR-II



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