

# LCD



## 15.0" Color LCD Chassis Monitor

160° Wide-Viewing-Angle

- ◇ Fully functional monitor solution, ready for integration
- ◇ Factory designed & manufactured for optimal performance
- ◇ Superior performance with high brightness & contrast ratio
- ◇ Fast response time for full-motion video applications
- ◇ Automatic sync & resolution conversion
- ◇ Advanced scaling & smoothing algorithm with edge enhancement for sharp text & images
- ◇ Slide out backlights for complete ease of service availability

**HITACHI**

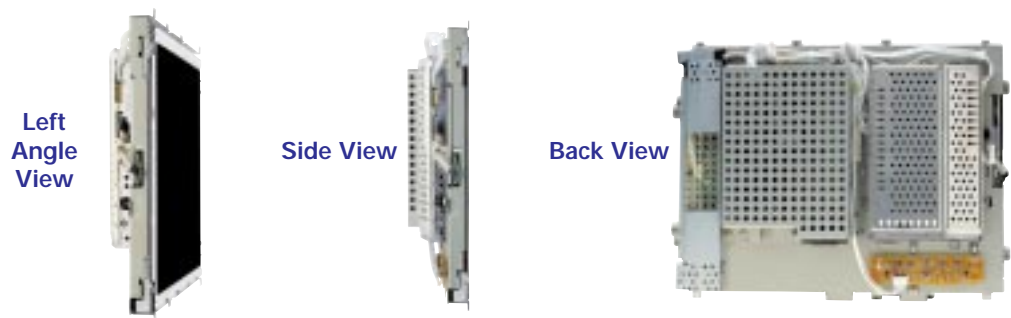
# LCD Chassis Monitor

<b>Model</b>	<b>CDL150XU</b>
<b>Display Size</b>	<b>15.0"</b>
<b>Specifications</b>	
Number of pixels ( horizontal x vertical )	1,024 x 768
Pixel pitch ( horizontal x vertical )	0.297 mm
Number of colors	16.19 million colors
Viewing angle	160° ( vertical & horizontal )
Contrast	300:1
Input signal	Vsync, Hsync TTL level, Multiscan Analog RGB 0 to 0.7 Vp-p
Brightness	250 nits ( typical, center of screen, all white )
Interfaces	S-Sub 15 pin I / F connector
Response time	25ms ( typical ) rise + fall time
Power supply	AC 100 — 120 V / 200 — 240 V
Power consumption	Approx. 45 W ( typical ) / Approx. 5 W ( power save model )
Power management	VESA DPMS / ENERGY STAR
Plug & play	DDC 2B
External dimensions ( W x H x D )	371 x 289 x 74.3 mm
On-screen display controls ( auto-adjust on power-up )	Brightness, contrast, position, phase, clock, expansion, color select, color balance, enhance, language, recall, auto adjust
Color temperature	6500° K / 9300° K
Replaceable backlights	2 slide out backlight holders w / 2 CCFL lamps per holder ( 4 lamps total )
Weight	Approx. 8.6 lbs. / 3.9 kg

## Corresponding resolutions and frequencies

Mode	Video Mode	Resolution	Vertical Freq. ( Hz )	Horizontal Freq. ( kHz )
1	VGA Graphic	640 x 400	70.10	31.48
2	VGA Graphic	640 x 480	59.95	31.48
3	APPLE	640 x 480	66.67	35.00
4	VESA	640 x 480	72.81	37.86
5	VESA	640 x 480	75.00	37.50
6	VESA	800 x 600	56.25	35.16
7	VESA	800 x 600	60.32	37.88
8	VESA	800 x 600	72.19	48.08
9	VESA	800 x 600	75.00	46.88
10	APPLE	832 x 624	74.55	49.72
11	VESA	1024 x 768	60.00	48.36
12	VESA	1024 x 768	70.07	56.48
13	VESA	1024 x 768	75.03	60.02

- VESA is an acronym for Video Electronics Standards Association.
- DPMS is an acronym for Display Power Management Signaling.
- DDC1/2B is an acronym for Display Data Channel 1/2B.



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