



Model d084c & d084cx2



8.4" SD Video/PC Premium Monitor

- Standard Definition Video LCD Monitors
- 3-Input Video Interface: Composite Y/C S-Video, YPbPr/RGB/VGA
- Modes: EGA to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- All 10-bit Digital Processing, 16.7 million true colors, 24 bit
- Aspect Ratio: 16:9, 4:3, 1.85 to 1, etc.
- Fully Adjustable Scans: H & V sizes, Position; Scan Reverse
- Digital Adaptive Comb Filters

SPECIFICATIONS	
Active Area (Diagonal):	8.4" / 214 mm
MODES	
Operating Resolutions:	525/60, 625/50, 640x350/400/480, up through 1920x1080 (All resolutions at full screen or correct aspect ratio)
PC Video Modes:	EGA, VGA, SVGA, XGA, WXGA, SXGA, WSXGA, UXGA, WUXGA
Standard Definition Video Modes:	NTSC/PAL/SECAM/NTSC4.43/PAL-M (autoselected)
Scanning Modes:	Under/Over Scanning; H/V Scan Reverse (mirror)
INPUTS	
3-Input Video Interface:	Composite, Y/C S-Video, PC VGA including RBBHV, RGBHV, RGsB, YCrCb, YPbPr
Optional Digital Video Inputs:	SD SDI (option 17, SMPTE 259M (270 Mb), YCrCb (option 45)
Video Input Signals (normal):	1.0/0.7 Vpp (nominal, composite/S/VGA) (VGA will accept tri-sync)
PICTURE	
Aspect Ratios – presets, including:	16:9, 4:3, and Variable
Picture-in-Picture :	Variable position window; inserts a video source into window over PC or HD image. Window is size and position adjustable.
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	640 x 480 RGB (307,200 RGB Pixels)
Pixel (RGB Trio) Pitch, Depth:	0.267h x 0.267v mm; 262,144 Colors
Brightness, typical, 0°:	450 nts (cd/m ²) (hi brite)
Contrast Ratio, 0°:	500:1 (high contrast)
Color Bit Depth:	262,144 Colors
Viewing Angle, contrast>10:1 :	H: ±55°, V: +40°/-70° (wide angles)
Response Time (blk>wht, wht>blk):	10 ms (high speed decay)
Standard Definition Video Resolution:	450 TVL
CONTROLS	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Hot Keys
Remote Controls (optional):	Infrared (IR, Opt 16) or bi-direx RS-232 (opt 51)
LIGHT	
Light Source (standard):	2 Fluorescent Lamps, Color Temperature Adjustment Menu
Lamp Life:	40,000+ Hours (cartridge replaceable)
CONNECTORS	
Composite Video Connector:	BNCx2 (in/out 2: Hi-Z <i>passive</i> loop-thru / auto-termination)
S-Video (Y/C) Connector:	4-pin Mini-DIN
VGA/PC Connector:	DE-15HD-F (detachable 10' M/M cord)
Audio Connectors (optional):	3.5mm Stereo, Input and Output (1 watt x 2 for external amplifier/speakers)
POWER	
DC Power:	12 Vdc (11.4~14.4), 16 watts (per screen, low power)
DC Connector:	XLR4-M (pin 1 gnd, pin 4 is plus volts)
AC Power (detached power supply included):	100-240 VAC, 19 watts (plus options)
AC Power Connector:	IEC-320 Male (universal)
DISPLAY	
Window (Display Area):	6.728 x 5.047" / 171 x 128 mm
Cabinet Dimensions:	8.400" x 6.757" x 2.00" / 213.4 x 171.6 x 50.8 mm (whd)
Weight:	3.15 lbs / 1.43 kg (approx, per screen) (without stand, power supply, or rackmount)
Mounting / Rackmounting:	¹ / ₄ -20, 10-32 x 4, (option: 19" "x1" single, or "x2" twin rackmounts, 5 RU)
Operating (full spec):	0 ~ +50°C @ 10-90% RH, no condensation, 10,000 ft. / 3000 m
Storage:	-20 ~ +70°C @ 10-90% RH, no condensation, 40,000 ft. / 12000 m
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Available Options:	Table Stands, Wall Mount Arms & Tilting Brackets
Approvals:	RoHS (Pb) Compliant Product

Specifications are subject to change without notice. July 2007