



**Model: BCHH2000SD**

# 20" Sunlight readable SD Video / PC Premium Monitor

## Features:

- \* High Bright 1800 nts (cd/m<sup>2</sup>) , Dimming 100:1
- \* High Contrast 480:1 Screen
- \* Wide Viewing 140°/115° H & V
- \* 3-Input Video Interface: Composite and Y/C Video, and VGA Compatible Video
- \* Modes: EGA up to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- \* Digital 10-bit processing, 16.7 million colors, SMPTE C Whites
- \* Aspect Ratios: 16:9, 4:3, and Variable Aspect Ratio Images (fully adjustable)
- \* Scan Reverse (H, V mirror images), Under/Over Scan Adjustable, PIP

## Specification:

<b>BCHH2000SD</b>	
Active Area (Diagonal):	20.1" / 51 cm
<b>MODES</b>	
Video Modes:	NTSC/PAL/VGA (autoselect)
HDTV Modes:	EGA up to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
Scanning Modes:	OverScan, UnderScan, Horz/Vert Scan Reverse (mirror) Image
<b>INPUTS</b>	
Digital Video Inputs:	HD/SD SDI (SMPTE 259,274/292/296), DVI
3-Input Video Interface:	Composite, Y/C S-Video, and VGA Compatible Video (DE15HD-M)
Video Input Signals (nominal):	1.0/0.7 Vpp (nominal, composite/S/VGA)
<b>PICTURE</b>	
Aspect Ratios:	16:9, 4:3 and Adjustable: Size, Aspect, Over/Underscan, Postion
Video Resolution:	Greater than 420 TVL in Composite and Y/C
Picture-in-Picture:	In window: Composite, Y/C or Component source over PC Display
Pixel (RGB Trio) Arrangement:	640 (1920) x 480 RGB Vertical Stripe
Pixel (RGB Trio) Pitch, Depth:	0.213x3 (0.638) H x 0.638 V mm, 16.7 Million Colors
Brightness, typical, 0°:	1800 nts (cd/m <sup>2</sup> )
Contrast Ratio, 0°:	480:1, 16.7 million colors
Viewing Angle, contrast>10:1:	±140°H; ±115°V
Dimming:	100:1
Response Time:	15/15 ms (high speed)
<b>CONTROLS</b>	
User Controls (menu system):	On/Off, Mode, Up, Down, Increment, Decrement, Lamp Dim (knob)
Remote Controls (optional):	Infrared (IR, Opt 16) or bi-direx RS-232 (option 51)
<b>LIGHT</b>	
Light Source (standard):	Six Cold-Cathode Fluorescent Lamps
Lamp Life:	50,000 hours (Four Color Temperature Pre-set/Adjust Menus)
<b>CONNECTORS</b>	
Composite Video Connector:	2xBNC (Auto-Termination Loop-Thru)
S-Video (Y/C) Connector:	4-pin Mini-DIN
VGA Connector:	DE-15HDM (detachable 10' cord)
<b>POWER</b>	
DC Power:	12 volts DC (11.0~16.0), 55 watts
DC Connector:	XLR-4M (pin 1=Gnd, pin 4=+ volts)
AC Power (power supply included):	90-264 VAC, 60 watts
AC Power Connector:	IEC-320/C14 Male
<b>DISPLAY</b>	
Window (Display Area):	16.063 x 12.047" / 408 x 306 mm
Protective Screen Cover:	Non-glare Glass (protected, washable)
Cabinet Dimensions:	18.00 x 14.50 x 2.5" / 457 x 368 x 64 mm
Mounting:	10-32, 19" Rackmount Ears, Wall & Desk Stands
Weight:	12 lbs / 5.5 kg
Temperature, Operating (full spec):	0 ~ +60°C @ 0-95% RH
Temperature, Storage:	-25 ~ +80°C Storage, 15,000 ft (operating), 45,000 (storage)
Case Color:	Powder-coat Black Textured
Case Material:	Aircraft Aluminum



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