



**Model: BCHH1200SD**

## 12" Sunlight readable SD Video / PC Premium Monitor

### Features:

- \* High Bright 1500 nts (cd/m<sup>2</sup>) , Dimming 100:1
- \* 500:1 High Contrast
- \* Wide Viewing 140°/120° 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:

BCHH1200SD

Active Area (Diagonal): 12.1" / 31 cm (diagonal, 4:3, 9.69x7.26" / 246x185mm)

#### MODES

Operating Modes/Resolutions: 525 NTSCPAL-M / 625 PAL/SECAM (autoselect) Comp and Y/C and up to 1280x1024 (SXGA) PC Input (Internal Scalar)  
Scanning Modes: Under/Over Scanning, H/V Scan Reverse (mirror)90° Rotation

#### INPUTS

3-Input Video Interface: Composite & Y/C Video, and VGA Compatible Video (DE15HD-M)  
Video Input Signals (nominal): 1.0 Vpp, 75 ohm

#### PICTURE

Aspect Ratios: 4:3, 16:9, and (de-)Anamorphic: 3-Presets, Fixed and Variable Aspect Ratio Images  
Standard Definition Video Resolution: 450 TVL (full path: electronics and through the optics)  
Picture-in-Picture: In window: Composite, YC, or Component over PC Display  
Pixel (RGB Trio) Arrangement: 800 H x 600 V RGB Vertical Stripe (480,000 RGB Pixels)  
Pixel (RGB Trio) Pitch, Depth: 0.308 h x 0.308 v mm  
Brightness, typical, 0°: 20-1450 nts (cd/m<sup>2</sup>) (High Brightness; dimming)  
Contrast Ratio, 0°: 500:1  
Dimming: 100:1  
Viewing Angle, contrast>10:1: H: ±70°, V: ±60°  
Response Time (B>W, W>B): 25/10 ms

#### CONTROLS

User Controls: On/Off, Mode, Up, Down, Increment, Decrement, Lamp Dim (knob)  
Remote Controls: Bi-direx RS-232 (standard feature); Optional Infrared (Opt 16)

#### LIGHT

Light Source (standard): 8 CCFL, 25,000+ hours at full brite  
Lamp Life: 50,000+ Hours (cartridge replaceable)

#### CONNECTORS

Video Connectors: Composite: BNC; Y/C S-Video: 4-pinDIN  
S-Video (Y/C) Connector: 4-pin Mini-DIN  
PC Connector: DE-15HD-M, detachable 6' M/F cord

#### POWER

DC Power: 12 Vdc ±10%, 38 watts (at full brite) (optional 9-36 volts available)  
DC Connector: XLR-4M (pin 1=Gnd, 4=+volts)  
AC Power Connector: Desk-top, IEC-320, 100-240 Vac (supplied), UL/CSA/CE...

#### DISPLAY

Window (Display Area): 9.732 x 7.311 / 247 x 186 mm  
Cabinet Dimensions: 12.0 x 9.5 x 2.4" / 305 x 241 x 61 mm  
Mounting: 10-32 threaded inserts on backside corners. optional: RM, Stands  
Weight: 5 lbs / 2.3 kg  
Operating (full spec): 0 to 55° C, 0- 95% RH (non-condensing)  
Storage: -25 to +70° C (non-condensing)  
Case Color: Textured Black Semi-Gloss Hard Powder Coat  
Case Material: Aircraft Aluminum, Protected Glass screen (strong, washable)

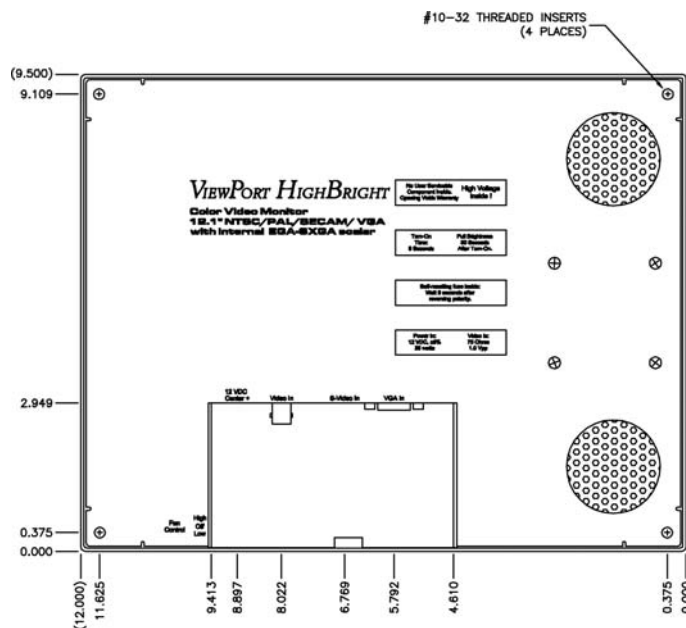
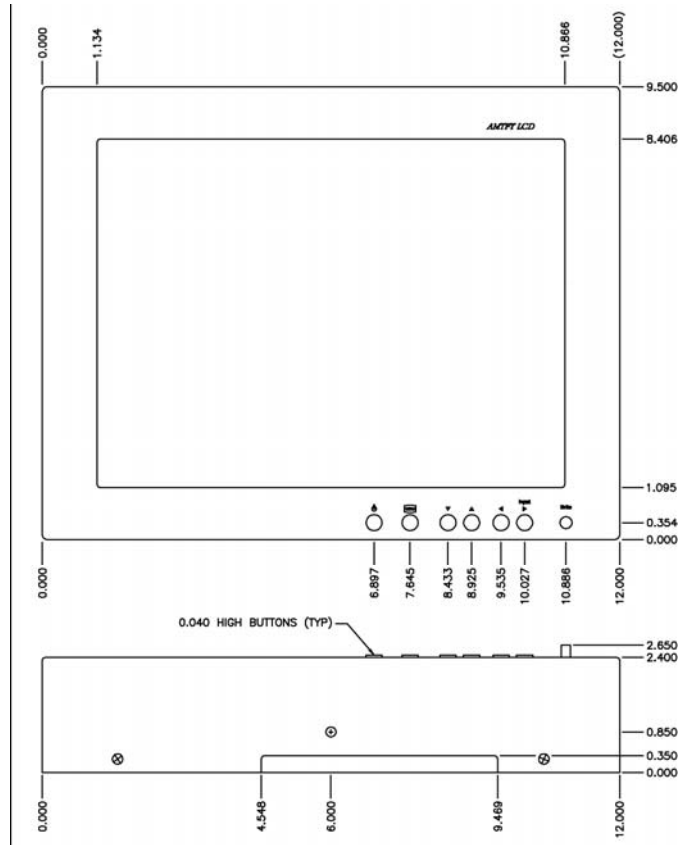


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