



Brilliance In Confidence Monitoring

DATA SHEET - Model 21175 - Multi-Format HD-SDI and SD-SDI Monitor
17" LCD Screen with HD-SDI and SD-SDI Input



The Strength of Brilliant 17" HD-SDI Monitoring

- ▶ Processes practically all HD-SDI and HD-SD formats
- ▶ Exceptionally high brightness and contrast ratio
- ▶ Perfect side-to-side and top-to-bottom viewing
- ▶ Front panel on screen controls
- ▶ 5+ years LCD backlight
- ▶ Adjustable vertical tilt
- ▶ Superior Energy Saving
- ▶ Multiple computer interfaces

17" HD/SD Multi-Format Applications

- ▶ Master Control Rooms and Monitor Walls
- ▶ Post Production and Edit Bays
- ▶ Cable Head-in and Video Transmission
- ▶ Mobile/ENG
- ▶ Teleconferencing
- ▶ Production and Graphics Design
- ▶ Surveillance and Security
- ▶ Satellite and Telco Feeds

Prominent Users of Data Check Monitors Include:

- ▶ ABC News At The White House
- ▶ AOL Time Warner
- ▶ Armed Forces Radio & TV Services
- ▶ Avaya
- ▶ Canadian Broadcast Network
- ▶ CBS Television City
- ▶ Cisco Systems
- ▶ Disney
- ▶ ESPN
- ▶ G.E. Americom
- ▶ Industrial Light + Magic
- ▶ KOMO-TV
- ▶ Lucent Technologies
- ▶ NASA
- ▶ Pan Am Satellite
- ▶ Pan American Sports Network
- ▶ PBS
- ▶ Sea Launch
- ▶ Televisa
- ▶ The White House
- ▶ Turner Broadcasting
- ▶ U.S. Navy
- ▶ Viacom
- ▶ WBNS-TV

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SPECS - Model 21175 - Multi-Format HD-SDI and SD-SDI Monitor

17" LCD Screen with HD-SDI and SD-SDI Input

General Description:

- ▶ Single 17" 16x9 aspect ratio LCD color display tilting +/-20 degrees
- ▶ Displays 4x3 and 16x9 modes

Dimensions/Weight:

- ▶ H 12.25" (7 RU), W 19", D 6"
- ▶ 18 lbs. (8.2 Kg)

Power:

- ▶ Internal power supply 115/230VAC
- ▶ 80 watts consumption

Input Signal:

- ▶ **HD-SDI input:** HD-SDI SMPTE 292/296 with HD-SDI reclocked output
- ▶ **HD-SDI Formats:** 525i, 625i, 720p, 1035i, 1080i, 1080sF
- ▶ **HD-Component Video Input:** Y, Pb, Pr (SMPTE-274)
- ▶ **SD-SDI input:** SMPTE-259M, with reclocked output
- ▶ **SD-Component Video Input:** Y, Cb, Cr/RGB
- ▶ **Composite Input:** 75 ohm, active loop through output, NTSC/PAL autoswitchable
- ▶ **S-video Input Input-Y,C**
- ▶ **Computer Input:** VESA 15 pin sub D, VGA, SVGA, XGA, SXGA

Front Panel Controls:

- ▶ OSD front panel
- ▶ Power on/off, input source, brightness, contrast, color temperature, phase, position, size, video color, video tint, sharpness, scaling mode, gamma value
- ▶ Picture in picture: position, window size, source
- ▶ Three color LED tally lights, self-powered

LCD/TFT Display:

- ▶ Luminance - 550 cd/m²
- ▶ Contrast ratio - 500:1
- ▶ Native HD Resolution - 1280 (H) x 768 (V) color pixels
- ▶ Colors - 16,777,216
- ▶ Backlight life - 50,000 hours
- ▶ Viewing angle(CR>10:1)- 176 degrees horizontal, 176 degrees vertical
- ▶ Pixel pitch (mm) - 0.289 (H) x 0.289 (V)
- ▶ Response time (ms) - 25 (Tr+Tf)
- ▶ Display area - 14.6" W x 8.8" H

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