

PANORAMAdtv, the video division of Wohler Technologies, Inc.

PANORAMAdtv MON3-2W/HR

High Resolution Triple 4.3" Wide Screen LCD Video Monitor

September 13, 2006



Features:

- 3 HD-SDI/SD-SDI (auto-sensing) Inputs w/ buffered outputs
- 3 x 4.3" high resolution tilting LCD Video Monitors
- Automatic or manual 16:9 / 4:3 aspect selection
- Resolution (HxV): 480 Pixels x RGB x 272 Lines
- Contrast Ratio 400:1 Typical
- Wide viewing angle - 160° Horizontal/Vertical
- Dot Pitch - 0.066mm x 0.198mm
- 16 million colors (8 bit color X RGB)
- LED backlight, rugged backlight construction
- LCD power switch per screen
- Triple color independent tally
- High quality scaler and carefully crafted scaler algorithms for each format
- Low power consumption - only 18 Watts

The MON3-2W/HR is a triple 4.3" wide screen format high resolution LCD monitor designed to fit a standard 2U rackspace. The monitor accepts SDI and HD-SDI, auto-sensing inputs with buffered outputs of the input signal. Front panel controls feature adjustable brightness and contrast recessed trim pots.

The key benefits of Panorama's new design are the strikingly crystal clear picture and wide viewing angle from the remarkably high resolution TFT LCD screen. Panorama's new **Direct Digital Drive™** design offers completely accurate color reproduction from the all digital signal path which directly drives the LCD panel.

This unit is Ideal for video monitoring of video feeds for mobile trucks, news and transmission control rooms, duplication and post production applications.

Built and rigorously tested in the USA, the MON3-2W/HR is backed by a strong warranty and a "Satisfaction Guaranteed" return policy.



Video Monitoring

Audio Monitoring

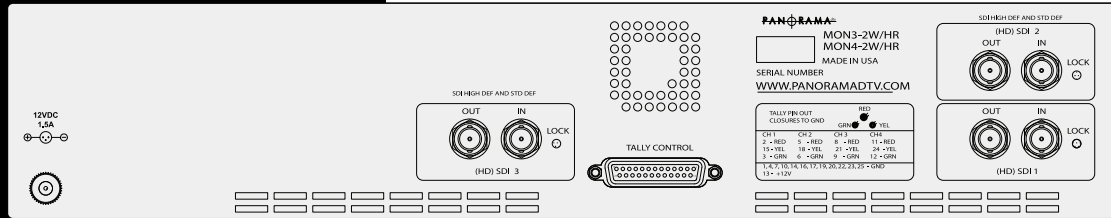
Alarm Systems

Level Metering

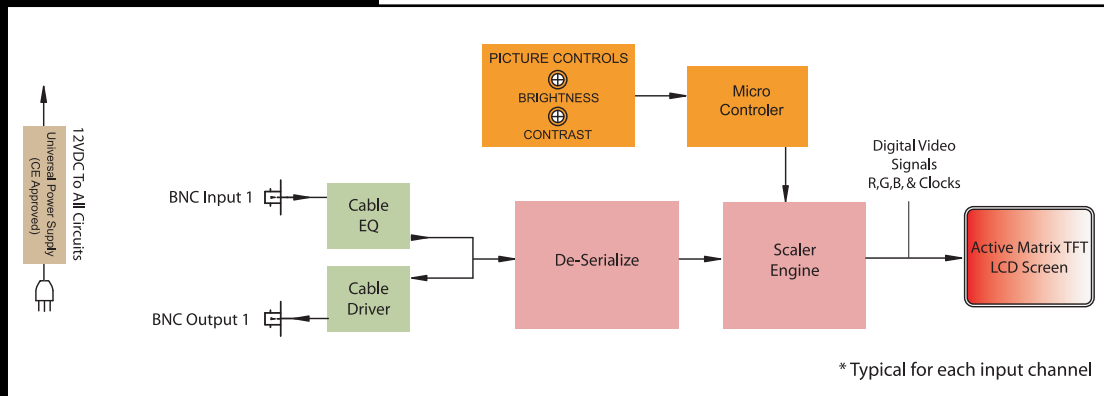
PANORAMA *dtv* MON3-2W/HR

High Resolution Triple 4.3" Wide Screen LCD Video Monitor

Rear Panel:



System Diagram:



Specifications

| | |
|---------------------|--|
| Signal Inputs | 75 ohm BNC (SMPTE 259M, SMPTE 292M autodetect) |
| Screen size | 4.3" (109.2 mm) diagonal |
| Screen type | High-resolution TFT LCD, Transmissive |
| Display modes | NTSC/PAL autosensing |
| Aspect ratio | HD-SDI = 16:9 aspect ratio, SD-SDI = 4:3 or 16:9 |
| LCD active area | 95.04 mm X 53.856 mm |
| Picture controls | Brightness & Contrast |
| Resolution (H x V) | 480 Pixels x RGB x 272 Lines |
| Pixel Pitch | 0.198 mm X 0.198 mm |
| Pixel Response Time | 30 ms rising (typ.); 30 ms falling (typ.) |
| Color configuration | RGB Vertical Stripes |
| Viewing angle | top=80°, bottom=80°, left=80°, right=80° |
| Contrast ratio | 400 (typ.) |
| White Luminance | 180 (typ.) NITs (cd/m) |
| LCD Backlight Life | 10,000 hours (avg.) to specified reduction |
| Chassis type | 2U, 19" rack mounting (EIA-310D) |
| Dimensions (HxWxD) | 3.35 x 19 x 5.6" (85 x 482.6 x 142.2 mm) |
| Weight | 7 lbs (3.175 kg) |
| Power consumption | 18 W |
| Power supply | 100 to 240VAC, 50 to 60Hz, universal input CE & UL approved internal power supply |