



Ovideon LCS3730-BR Broadcast Monitor Features

Screen Size: 37" diagonal
Aspect Ratio: 16:9 Widescreen
Screen Resolution: 1920 x 1080 Progressive Scan
Contrast Ratio: 1200:1
Brightness: 500 cd/m²
Response Time: 6.5ms
Control: RS232C
Input Type: VGA/Video/S-Video/DVI
Color: Black

SMPTE C / 709 Calibration- The LCS3730-BR is factory calibrated to the SMPTE C or 709 standard for color accuracy.

Safe Zone Generator: The LCS3730-BR is integrated with a 4:3 and 16:9 Safe Zone Generator. The monitor can display safe zones for the 4:3 aspect ratio as well as 16:9 2%, 5%, 7.5% and 10% Zones.

Durable Metal Construction- Many displays are constructed with plastic cosmetics. The LCS3730-BR bezel and back cover are constructed of metal, offering unmatched durability and protection in critical applications such as digital signage and in environments where accessibility to the monitors cannot be controlled.

Fanless Design- For critical applications such as recording studios, control rooms...etc, where monitor noise cannot be tolerated the LCS3730-BR is designed for optimal heat dissipation without fans. The LCS3730-BR is virtually noise free.

Super Wide Viewing Angle- No matter where you place the LCS3730-BR you can rest assured that the picture displayed on this monitor will be clear and bright from any viewing angle. Our Super Wide LCD Technology ensures that there will be no gray scale (Color) shift often seen on other displays. In addition, our specially formulated anti-glare coatings on the LCD panel minimize room reflections further enhancing viewing comfort.

HD LCD with Super Fast Panel Response – The LCS3730-BR features a full 1920 x 1080p LCD panel with our industry leading 6.5ms panel response time. As a result moving objects are not blurred and video is seen with the utmost clarity, sharpness and detail.

High Color Saturation and Color Accuracy- Our newly developed high color saturation technology makes this display stand out from the competition. HCS technology offers more vivid color reproduction with extreme color accuracy. Video is seen as close to the original source as possible. With our color Temperature, Color Gain Adjustment, Skin Tone Enhancement and Nature Color Enhancement circuit, water will be blue, skin and earth tones will appear natural and vivid.

High Brightness- No longer is it necessary to darken the room or to turn down the lights to see a good picture. The high brightness of the LCS3730-BR LCD panel ensures easy viewing under most room lighting conditions.

Variable Backlight Adjustment- For a more pleasant viewing experience the overall brightness of the LCS3730-BR can be toned down or up by adjusting the backlight. This feature allows for more comfortable viewing under low light conditions where the brightness of an LCD may be a bit overpowering. The backlight brightness may also be increased for more comfortable viewing in high ambient light conditions.

AutoAmbient Brightness Compensation- In addition to the variable backlight adjustment the LCS3730-BR has a built in ambient light sensor. This sensor monitors the surrounding ambient light conditions and automatically increases or decreases the backlight brightness for more comfortable viewing.

Variable Black Level Adjustment- The LCS3730-BR black level can be adjusted independently of the brightness and contrast controls. This allows you to dial in the blacks to suit your application.

Angle Filtering- offers the highest quality video processing available. This motion adaptive de-interlacing technology with directional interpolation reduces “jaggies”, “dot crawl”, stair stepping and other artifacts that may be present in a video signal. Application of angle filtering to a video signal results in an extremely smooth and clean picture.

Video/Film Cadence Correction- Video and film may be recorded with different frame rate sequences (cadences) that may give any motion a jerky, stuttering appearance when they are displayed on modern, progressive scanning, displays. The LCS3730-BR cadence detection circuit digitally compensates for these motion artifacts and help smooth out the decoded video signal.

Gamma Correction- Most monitors seldom match the sensitivity of the human eye producing different colors at different intensities. By applying compensating Gamma correction to the LCS3730-BR the result is a linear picture response where colors are presented at their proper intensity.

Color Temperature Adjustment- offers both preset (3200K, 6500K, 7500K and 9300K) and variable white point adjustment (R,G,B). Color temperature allows you to control the “warmth” or “coldness” of the displayed picture.

Noise Reduction- The LCS3730-BR motion adaptive random noise detection circuit reduces picture noise and “graininess” associated with video signals from sources such as video tape and DVD’s.

OSD Lock Out- With a few key strokes the On Screen Display can be locked out in order to prevent any unauthorized adjustment of the monitor. This is a great feature for monitors installed in public areas.

Long Life and Low Power Consumption- The nature of LCD technology allows this display to operate over 50,000 hours without degradation or burn-in normally seen in other flat panel technologies. In addition, low power consumption will save you money on your next electric bill.

Picture in Picture- Watch TV, work on your PC or even watch a movie at the same time. By displaying a small window over your main programming the LCS3730-BR allows two sources to be viewed simultaneously. You can also easily swap between the two active sources by just pushing a single button.

DVI Digital Input- The LCS3730-BR features a Digital Visual Interface which allows easy connection of digital sources such as PC’s, DVD players HDTV tuners or any other sources that are equipped with a DVI output.

RS232C Control: The LCS3730-BR is equipped with a D-sub 9pin connection for RS232 Control. This feature allows you easily integrate the LCS3730-BR into your installation while allowing control from third party control systems.

Tempered Glass (Optional)- for enhanced protection of the LCD panel the LCS3730-BR may be integrated with an optional tempered glass overlay. Tempered glass offers impact protection in environments where the monitor can be easily accessed such as casinos, museums and airports.