

PremierViewID

Multimedia TFT-LCD Monitor for Industrial, OEM and Desktop Use



Calibre specialises in high performance LCD display solutions for industrial, OEM, military and aerospace applications. PremierView features flexible signal capability, excellent motion reproduction and accurate, artifact free image re-sizing.

Calibre's PremierViewID range is a very high performance TFT-LCD display. Based around Calibre's proprietary PremierView LCD driver technology, it is able to connect directly to a very wide range of video or computer image sources and display images full screen on premium monitor grade LCD panels.

PremierView is one of the most flexible LCD systems on the market able to accept a wide range of input resolutions. PremierView features true autoscanning real-time software algorithms to allow it to be adjusted to suit most non-standard resolutions and signal timings within its resolution, line and field rate ranges.

PremierViewID displays real-time video or computer signals up to the resolution of the panel itself, full screen, full-motion in real time, with minimal image throughput delay and no frame rate conversion. High performance scaling algorithms work without compromising image quality or resolution irrespective of the signal resolution implemented. It is compatible with Composite and Y/C (SVHS, S-video) inputs with automatic detection of PAL, NTSC & SECAM video, and/or most computer RGB signals from 640x350 up to 1280x1024. Very flexible wide-ranging picture controls are provided via an on-screen menu. These controls include picture size and position controls as well as contrast, brightness, and colour/hue for video.

PremierViewID uses premium monitor grade wide viewing angle LCD panels for the best possible display quality, with sizes from 8.4" to 20.1". PremierView gives excellent colour depth and accurate grey-scale reproduction, with no field merging and no pixel or line dropping to ensure accurate motion reproduction and best in class clean image scaling.

PremierViewID models are available as a metal cased display unit, a desktop unit, a rackmount unit or as an OEM open chassis module. The metal cased display units incorporates side mounting points and VESA-compatible rear mountings. Cased units include an anti-scratch, anti-glare front viewing window. Touchscreens are also available for many models.

For specialist applications such as military and aerospace PremierView displays are available in rugged cases. Semi-custom and full-custom PremierView display design is also undertaken. Compatibility with non-standard signal timings and custom resolutions can also be provided as a customer specific option.

PremierView is also available as a board-level product for volume OEM use.

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