



Black Cat Displays has developed a number of custom display solutions to replicate aircraft simulator environments.

Working with original aircraft specifications, sample instruments and detailed photographs, our engineers have re-created the look and feel of a genuine aircraft part within a P.C based operating environment and at a fraction of the original equipment cost.

We use a sophisticated 3D design environment to accurately model the solution prior to manufacture, thus ensuring that potential errors are eliminated and that the time from concept to delivery is minimised. Our internal micro-controller based hardware is custom programmed to respond in accordance with the specification

SPECIFICATION

Video	Input Type: Standard PC VGAXGA mapped to display Connection: 15 pin HD D-Type Display resolution: Depends on requirement. Typical resolutions are from 480 x 480 up to 1024 x 1024 Image Scaling: Real-time scaling in hardware converts the input graphics format to the target display resolution. Backlighting: High intensity LED with full range dimming.
Bezel	Construction: Machined polycarbonate finished to spec Illumination: Internal LED illumination if required. Button Functions: Push to make, Biased, Rotary etc. Communications: RS232 or RS422 to host PC
Electrical Mechanical	Operating voltage: 28V dc 5V dc for the bezel illumination Display size: From 2.5" x 2.5" upwards Package Style: Dictated by original instrument (3ATI, ARINC etc)