The RightXpress® 4K Ultra High Definition Video Display is specifically designed for viewing 3840 x 2160 high speed video on an aircraft. This display is part of a system to work in conjunction with the RightExpress 4K Ultra HD Video Server, which delivers a 4K video source at full 60 frames per second over two 6G-SDI synchronized cables to produce the best quality picture possible. Using 6G-SDI copper as a medium allows the RightXpress Ultra High Definition Video Display to receive noise-free quality over a much greater distance – as much as 10x longer than HDMI2. Future release will also support a fiber option.

The RightXpress® 4K Ultra High Definition Video Display is designed for DO-160 and DO-178 certification, using extended temperature hardware in a ruggedized package.
Your Innovative Electronics Design and Manufacturing Partner

Why Choose RightHand Technologies as your Video Electronics Provider?

- Access complete solutions, including hardware, software, mechanical engineering and manufacturing.
- Enjoy the flexibility to purchase boards in volume for manufacturing, or in smaller quantities for prototype development.
- Benefit from our engineers’ extensive experience in embedded applications and video solutions.
- Extensive experience in DO-160 and DO-178 certified designs.
- Engineering AND Manufacturing both conveniently located in Chicago Illinois.

About RightHand Technologies

RightHand Technologies provides expert engineering design services, specialized manufacturing, and sophisticated full-validation functional testing for FAA certified embedded electronic systems. We have designed inflight entertainment systems (IFE), cabin management systems (CMS) and security systems for leading aviation clients.

Founded in 2002 and headquartered in Chicago IL, RightHand Technologies is focused on aerospace and military electronics, building dozens of products that require ruggedized designs and DO-160/DO-178 certification.

RightHand Technologies proven expertise is taking complex electronic system requirements from concept through design of hardware, mechanical and software, then into qualification and specialized manufacturing in order to create released products that can pass rigorous agency approvals.