

EFIS - 1831 Series

Frequently Asked questions

1. Does the system include probes? No, you can buy any off-the-shelf probes or you can ask us where to get them (See details on the output requirements on each probe)

2. Can I install the screen Vertically? Yes, you can rotate and install the screen 90, 180 and 270 degrees. Please let us know before buying to prepare your device with the desired rotation before shipping.

3. Can I use XM weather / ADS-B? Most Navigation Software (including APIC MAP) supports weather and/or traffic. Go to our Software link to compare features of the available navigation software.

4. What about implementing Windows 7, or different Operating Systems?

Users can install a different operating system if they choose to do so. We are also pleased in the performance gains we have noticed when using Windows 7 and are currently thinking about implementing it in the future.

5. Can I use the AHRS on my laptop?

Yes, you can use the AHRS on your laptop or your Hand-held as long as they have a USB Port. If your system supports Blue-tooth, there is a blue-tooth transceiver embedded in our AHRS-series, in order to use it however, you'll have to special order your AHRS directly through us.

6. Why is this system any different from installing a tablet PC on the airplane? Our system outperforms standard laptops by addressing the 2 main issues found when integrating a computer system in an airplane. First, the vibrations of a plane damage the internal moving components, significantly increasing the rate of failure of a standard computer during flight. The EFIS uses solid state technology (no moving parts). In addition, The EFIS housing is designed to withstand continued vibration without damaging the touch screen LCD screen or internal components of the computer. Secondly, standard computers lack a bright enough display that is required to operate and view the screen under direct sunlight. The brightness of the average laptop is designed for indoor applications with 300-400 nits. The EFIS has 1000 nits and a manual dimmer on the outside for night flying.

7. How do I obtain software updates?

You can connect your EFIS directly to the internet (via ethernet or USB wireless card) or you can download updates to a Memory-USB key and install them on your EFIS later on. Updates for the Primary Flight and Engine Monitoring Software are free and can be downloaded from our website.