

IFD-NET

Avionic, navigation, GPS tracking, meteo radar, engine monitor.



INSTRUMENTS

IFD-NET is the most competitive set of instruments for ultralight aircrafts thanks to its new and unique design. Highly technological electronic computing, solid state inertial and magnetic sensors, last generation GPS and GPRS receivers are some of the peripherals that characterize IFD-NET instruments. The ultra-bright round TFT display, designed for sunlight applications, is built inside an aeronautic aluminum frame in both 80 and 57mm shapes. Through it, the pilot can easily manage the whole AVIONIC SYSTEM. All our product meet aeronautical standards and installation template are strictly respected.



SIX PACK AVIONIC

Modern aircrafts also need to be equipped with a complete six pack avionic instrument set. Today it is possible to make it by installing a MAIN unit, with all embedded sensors, and five CHEAP units connected to IFD-NET open bus. The MAIN unit can even provide GPS and GPRS functionalities in order to send data about: MOVING MAP and METEO RADAR to the NAV PACK instruments set.

READ MORE on web www.IFD-NET.us

ENGINE AND LEVEL GAUGES

An amazing design characterizes the new 57mm series instruments, dedicated to ENGINE MONITOR and level indicators. The pilot can chose both stand-alone units (for example EGT, CHR and MAP) and units with similar functions but with a more competitive price, connected throw the bus, to the ENGINE MODULE. The display can automatically switch, for example, among the six CHT or monitor the hottest and coolest cylinder. Analog and digital simultaneous indicators are safer than the traditional ones.



GOVERNORS

A constant speed propeller allows you to maximise your aircraft and engine performance in all phases of flight. Main advantages of our constant speed propeller are: take off reduction (30/60%*), climb rate increase (up to 50%*), top speed increase (up to 20%*), fuel saving (up to 35%*), safer flying, steeper descent, easy maintenance

IFD-NET PROJECT

THE COMPLETE INSTRUMENTS NETWORK THAT MAKES AIRCRAFT CLEVER

Design your complete aeronautic system using our open bus modules, and become member of IFD-NET project.

AVIONIC MODULE

IFD-NET is an open bus; it means that everybody can exploit it to develop instruments that will be part of IFD-NET project. The AVIONIC MODULE is the inertial platform and GPS/GPRS unit capable of providing all the information needed to create by yourself the avionic and navigation instruments. A complete API documentation can be downloaded from IFD-NET web site www.IFD-NET.com.



ENGINE MODULE

IFD-NET open bus provides a unique ENGINE MODULE capable of sending data from all the sensors installed on all the engines on the aeronautic market. It is equipped with two CAN BUS connectors, six thermocouples for EGT and six for CHT, two RPM channels and two fuel level channels. Many other sensors can be connected to this powerful and reliable unit.



OPEN-GL framework on DEBIAN based platform makes the design of an avionic application easier reducing dramatically the time to market. IFD-NET team will be happy to support you in the design of your own aircraft products, joining the IFD-NET project experience.

READ MORE online www.IFD-NET.us

DISPLAY INTERFACE

The AVIONIC MODULE is the main unit on which IFD-NET project is based. Great attention is given to the man machine interface: indeed, our engineers have developed two different size units based on ultra-bright TFT display with or without touch screen option. You can chose two solutions: 7 or 10 inches throw which you can select in order to develop your own avionic or moving map aeronautical interface.

