



Smart210: Advanced Integrated Avionics System for New Generation Trainer

AERO Hall 5, Stand A5-312



Hermes-sys Co.Ltd., which makes its debut on the AERO of 2018, officially launches

an advanced integrated avionics system for New Generation Trainer—Smart-210. Smart-210 is developed with multi-redundancy architecture and military standards to satisfy the high safety requirements and the high reliability in severe environment requirements. The standard package of Smart -210 includes these function modules:

Smart

DU、HUD、DIU、COMM、NAV (VOR、ADF、ILS) 、XPDR、VMS、INS/GNSS、ADS-B、HOTAS、FDR and etc. These function modules can be combined according to customers' need and budget. And with the permission of the government, Smart-210 can also provide military modules such as fire control system, optronics pod, datalink, autopilot, radar pod, weapon bracket and etc. And night vision is also supported. Besides, Smart-210 can be used for the update and modification of the commissioned turboprop and jet trainers or ground attack aircrafts.

Features:

- 20"*8" dual-redundancy touch screen, fulfills the training requirements of the latest 4th generation fighters.
- Western style POP, compliance with FAA&EASA regulation.
- With ARINC424 navigation database, updated every 28 days.
- With drag-and-drop intelligent route planning, more efficient route planning;
- With intelligent checklist, simplify operation procedure and promote flight safety.
- With embedded fault system and weapon simulation system, fulfill the comprehensive training requirements.
- With 3D flight teaching evaluation system, more efficient flight training and higher flight training qualification rate.
- Software modules: PFD, ND, EICAS, MovingMap (VFR, Low-IFR, High-IFR, Approach Chat), SVS, FMS, Radio Turn. Military applications such as Weapon Management, Field Situation Awareness, Sensor Fusion, Fire-control Radar and etc. will be provided with the permission of government.

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