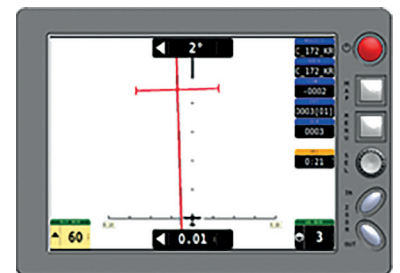


Ride the Sky on Rails IGI CCNS-5 Flight Management System (FMS)



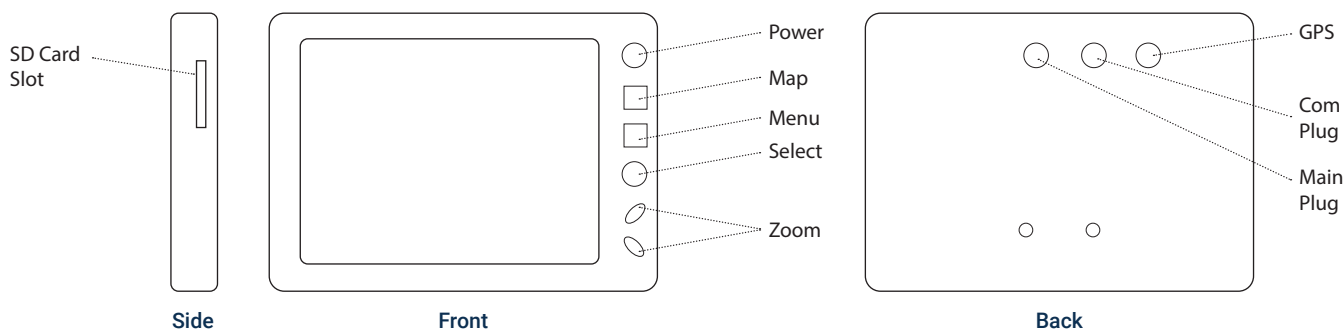
CCNS: COMPUTER CONTROLLED NAVIGATION SYSTEM

Paired with IGIplan's pin-pointed mission planning, the CCNS-5 ensures optimal sensor activation, leveraging dedicated hardware for superior results. Pilot- and Operator-CCNS-5 offers flexible display options: the pilot can follow line guidance through the map-view and specialized indicators, while the operator manages the sequence of planned lines via an overview map. For streamlined operations, pilot-only missions are also fully supported.

With over 500 systems deployed globally, the CCNS-5 stands as a proven, robust, and reliable flight management system for all airborne missions, supported by certified hardware designed for demanding environments.

- >> Precision navigation powered by PPS synchronisation
- >> Sunlight readable high-resolution display
- >> Supports pilot-only missions, simplifying operations with minimal crew
- >> Accurate terrain following and corridor guidance
- >> Standalone navigation mode, no IMU required
- >> Ruggedized, aviation-grade hardware
- >> Turn prediction enhanced with wind speed adjustments for seamless navigation
- >> Fully compatible with Riegl, Phase One and Vexcel systems
- >> Integrates smoothly with AEROcontrol and Applanix positioning systems

IGI CCNS-5 | TECHNICAL VIEW



IGI CCNS-5 PILOT | OPERATOR SCREEN

Display	6.5 inch 17 cm diagonal Anti reflection coating
Supported Sensors	IGI DigiCAM, UltraCAM, Phase One, Generic Cameras (TTL), IGI Litemapper, Online-/Offline-Sensors
Trajectory source	IGI AEROcontrol, Applanix PosAV, AP+
GNSS receiver	50 channel GPS L1 C/A Code & SBAS, supporting WAAS, EGNOS, MSAS
Communication	Fast Ethernet LAN RS 232 3x TTL ports
Data Storage	SD-Card
Operating Temperature	0 ... +50 °C 32 ... 122 °F
Storage Temperature	-10 ... +80 °C 14 ... 176 °F
Dimension	125 x 175 x 35 mm 4.92 x 6.89 x 1.38 in - h x w x d
Mounting Options	RAM ball and socket components
Weight	0.8 kg 1.7 lb
Power	14 w @ 20 ... 30 VDC
Backup	identical hardware for pilot and navigator
Flight Simulator	train personnel with flight simulator on the ground

