



GNSS/IMU **IGI AEROCONTROL** Positioning System



SCAN ME



AEROCONTROL BY IGI - PRECISION YOU CAN TRUST

When accuracy matters most, AEROcontrol set the standard for GNSS/IMU positioning and navigation. Designed for the most demanding geospatial applications, including **proven ant-jamming technology**, these cutting-edge solutions deliver unmatched precision, reliability, and performance.

IGI DIRECT TRAJECTORY

Process your trajectory **immediately after the flight with just one click**. No delays, no complexity—just instant results, ready to move from data capture to actionable insights faster than ever before.

- >> IGI Direct Trajectory
- >> Automatic Alignment after takeoff
- >> No double 8-turns, no S-turns
 - > up to 30min time savings per flight
- >> Proven Anti Jamming & Anti Spoofing
- >> Export Free, no BAFA, no ITAR restrictions
- >> RTK mode with Ntrip interface
- >> Dual Mount Support
 - > incl. a mix with Applanix systems
- >> Compact, single box solution
- >> Integrated MEMS and FOG IMUs

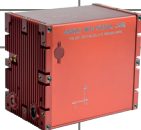
IGI AEROCONTROL / TERRACONTROL LINE-UP OVERVIEW

	AEC CM	AEC CM+	AEC CF-I	AEC CF-II	AEC CF-III
					
Weight	1.6 kg	1.6 kg	2.2 kg	2.2 kg	2.2 kg
Position [m]	0.02	0.02	0.02	0.02	0.02
Velocity [m/s]	0.005	0.005	0.005	0.005	0.005
Roll Pitch [deg]	0.015	0.010	0.008	0.004	0.0025
True Heading [deg/h]	0.03	0.02	0.015	0.010	0.005
Gyro-Bias [deg/h]	1	1	0.03	0.03	0.03
Accelerometer Bias [mg]	0.1	0.1	0.3	0.3	0.3
Data Rate	400 Hz	600 Hz	256 Hz	400 Hz	600 Hz


IGI AEROCONTROL / TERRACONTROL CF | CM

GNSS Receiver	GPS (L1 C/A, L1C, L2C, L2 P(Y), L5) GLONASS (L1 C/A, L2C/A, L3, L2P) BeiDou (B1I, B1C, B2a, B2b, B2I, B3I) Galileo (E1, E5a, E5b) QZSS (L1 C/A, L1 C/B, L2C, L5) NavIC (L5) SBAS (EGNOS, WAAS, GAGAN, MSAS, SDCM) OSNMA Support Proven Anti Jamming & Anti Spoofing
Communication	Fast Ethernet LAN RS232 PPS Output 3x Event Input 2x SMB antenna plug IRIG-B 007 Sync Signals Remote Access Ethernet via IGI AEROoffice / web interface
Options	IGI Direct Trajectory Precise Levelling stabilized mount support IGI Optical Odometer Dual Antenna Heading
Export	Export free, no BAFA, no ITAR restrictions
Data Storage	64 GB Internal Storage (allowing for several days of continuous operation) External USB Mass Storage Direct Data-Transfer to IGI CCNS-5 and IGI Sensor Management Units (SMU)

IGI AEROCONTROL / TERRACONTROL CF (COMPACT FOG)

Dimension	 126.5 x 98 x 153.5 mm 4.98 x 3.86 x 6.04 in - h x w x d
Weight	2.23 kg 4.92 lb
Power	12 ... 32 VDC 18 w @ 24 VDC 20 w @ 12 VDC
Temperature Range	-40°C - +50°C

IGI AEROCONTROL / TERRACONTROL CM (COMPACT MEMS)

Dimension	 126.5 x 98 x 153.5 mm 4.98 x 3.86 x 6.04 in - h x w x d
Weight	1.65 kg 3.64 lb
Power	12 ... 32 VDC 15 w @ 24 VDC 16 w @ 12 VDC
Temperature Range	-40°C - +50°C