



## 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
					
<b>Weight</b>	1.6 kg	1.6 kg	2.2 kg	2.2 kg	2.2 kg
<b>Position [m]</b>	0.02	0.02	0.02	0.02	0.02
<b>Velocity [m/s]</b>	0.005	0.005	0.005	0.005	0.005
<b>Roll   Pitch [deg]</b>	0.015	0.010	0.008	0.004	0.0025
<b>True Heading [deg/h]</b>	0.03	0.02	0.015	0.010	0.005
<b>Gyro-Bias [deg/h]</b>	1	1	0.03	0.03	0.03
<b>Accelerometer Bias [mg]</b>	0.1	0.1	0.3	0.3	0.3
<b>Data Rate</b>	400 Hz	600 Hz	256 Hz	400 Hz	600 Hz

### IGI AEROCONTROL / TERRACONTROL CF | CM

<b>GNSS Receiver</b>	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
<b>Communication</b>	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
<b>Options</b>	IGI Direct Trajectory Precise Levelling stabilized mount support IGI Optical Odometer Dual Antenna Heading
<b>Export</b>	Export free, no BAFA, no ITAR restrictions
<b>Data Storage</b>	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)

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

### IGI AEROCONTROL / TERRACONTROL CM (COMPACT MEMS)

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