



BBG-ASNSDO

Analog Synchro Navigation Sources to Digital Output



Description

The Analog Synchro Navigation Sources to Digital Output (ASNSDO) is a rackmount system that provides data format conversion of analog sensor data into Navigation Sensor System Interface (NAVSSI) digital data.

The BBG-ASNSDO provides interfacing to HEADING, SPEED, ROLL and PITCH sensors allowing for easy field installation.

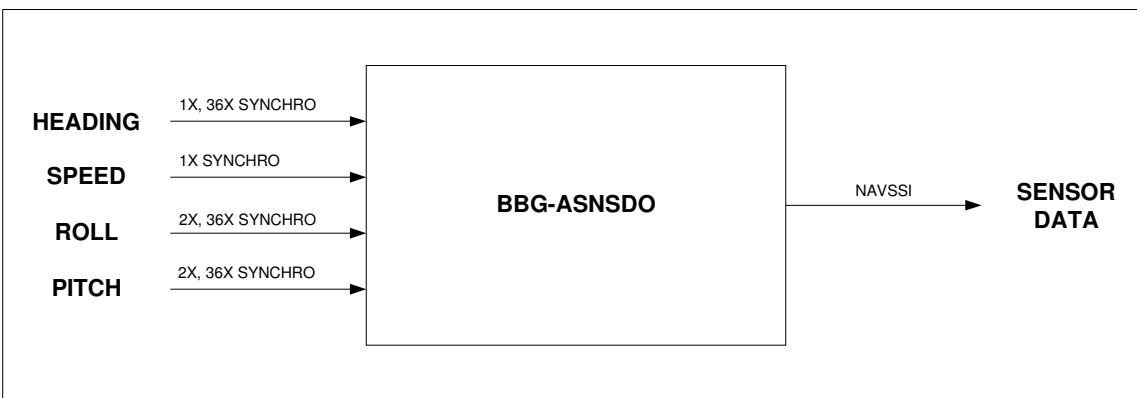
Applications

- Navigation Systems
- Command and Control Systems
- Weapon Systems
- Many Others

Features

- NAVSSI Digital Output
- Navigation Sensor Interface HEADING, SPEED, ROLL, PITCH
- 90V, 11.8V Synchro, 6.8V Resolver
- Network Time Protocol (NTP) Synchronization
- Custom Interfaces, Data Formats and Frequencies are available upon request



Chart

The BBG-ASNSDO interfaces to seven (7) synchro channel inputs and outputs using UDP packets over an Ethernet interface.



Technical Specifications

Parameter	Value	Units
Power Supply	90 - 264	Volts AC
	43 - 67	Hertz
	3	Amps
Temperature Range		
Operating	0 to +50	C°
Storage	-65 to +150	C°
Inputs		
HEADING Synchro (1X, 36X)	90	Volts
	400	Hertz
SPEED Synchro (1X)	90	Volts
	400	Hertz
ROLL Synchro (2X, 36X)	90	Volts
	400	Hertz
PITCH Synchro (2X, 36X)	90	Volts
	400	Hertz
Reference	115	Volts
	400	Hertz
Outputs		
Physical Layer	IEEE 802.3	
Transport Layer	UDP	
Protocol	NAVSSI	
Accuracy	+/-4	arc minutes
Dimensions	19.0 (W) x 8.75 (H) x 20.75 (D)	In
	48.3 x 22.2 x 52.7	Cm

