



BBG-7000

Data Acquisition System



Description

The Data Acquisition System (DAS) is a stand-alone system, which provides data format conversion of digital, analog, serial, synchro, and resolver signals.

The DAS is factory configurable to customer requirements for easy field installation.

An DAS is available in rugged EMI/EMC enclosures.

Applications

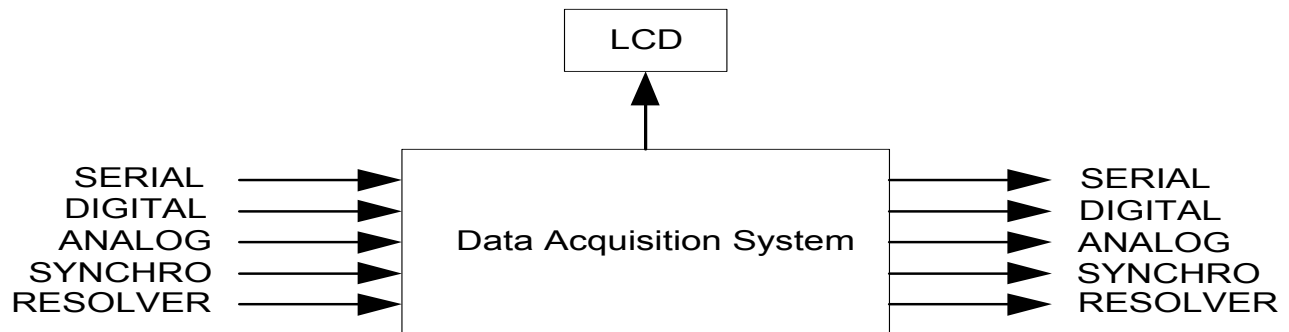
- Radar Systems (antenna azimuth)
- Navigation Systems (gyrocompass, speedlog, course, pitch, and roll)
- Industrial Processes (position, velocity)
- Meteorology Instruments (wind speed and direction)
- Many Others

- NEMA-0183 Compatible
- Optional LCD Display
- 90V, 11.8V Synchro, 6.8V Resolver
- RS-232, RS-422, RS-423, RS-485, MIL-STD-188C Protocols
- Custom Serial Data Formats and Frequencies are available upon request

BBG Incorporated

1708 South Park Court • Chesapeake, VA 233320

Phone:(757) 366-9211 • Fax:(757) 366-9170 • E-mail: sales@bbginc.com • Website: www.bbginc.com

Chart

The DAS is capable of interfacing to two synchro/resolver, two serial, sixteen digital and two analog interfaces.

Technical Specifications

Parameter	Value	Units
Power Supply	115/230	Volts
	20/10	MiliAmps
Temperature Range		
Operating	0 to +50	C°
Storage	-65 to +150	C°
Input/Output		
Synchro	90 and 11.8	Volts
	0-20000	Hertz
Resolver	6.8	Volts
	0-20000	Hertz
Serial message	NMEA-0183	
Serial Protocol	RS-232/422/423/485 or MIL-STD-188C	
Digital	16 bit	TTL
	5	Vdc
Analog	0/+10	Volts
Accuracy	+/-4	arc minutes
Dimensions	8.0 x 10.0 x 4.0	in
	20.3 x 25.4 x 10.2	cm

