

**ELECTRONIC COMPASS**

# SEC-730

- ✓ Outputs NMEA0183 data / heading, pitching, rolling and rate of turn
- ✓ Tracks GPS data using SBAS in seconds
- ✓ Provides stable and accurate data in dynamic conditions
- ✓ Compensates heading offset with software
- ✓ Built in performance of automatic compensation of magnetic variation
- ✓ Waterproof housing and cable system
- ✓ Interfacing with all the marine electronics adopting digital heading signals

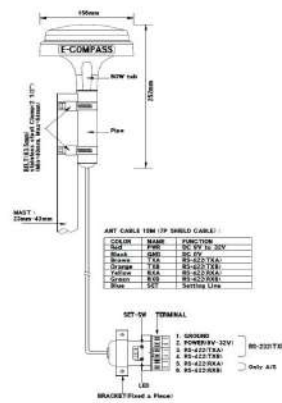
## SEC-730

### GPS BUILT IN 3-AXIS ELECTRONIC COMPASS

#### SPECIFICATION

Static compass accuracy	1° RMS when levels
Dynamic compass accuracy	2° RMS
Heading display resolution	0.1
Settling time	1 min
Heading data output update rate	10Hz
Rate of turn range	0~70°/sec
Rate of turn data output update rate	2Hz (adjustable up to 0~10Hz)
Pitch and roll range / Display resolution	+50 / 0.1°
Static / Dynamic pitch and roll accuracy	<1 / <3
Pitch and roll alignment	Yes (with software)
Pitch and roll data output update rate	2Hz (adjustable up to 0~10Hz)
Transmission speed	4800bps (adjustable with software)
Output term	maximum velocity (automatic)
Sentence	HDT, BMC, ROT, ATT (default) / DTM, GGA, CLL, GSA, GSV, HDG, VTG, ZDA (Optional)
Satellite tracked / Type of tracking satellites	56 channels / GPS, SBAS, QZSS
GPS data output update rate	1Hz
GPS cold and warm start acquisition	28sec
Power supply	DC 12V~24V / <100mA (8DC12V)
Humidity / vibration	95%(8-40C) / IEC60645
Operating / Storage temperature range	-25C~55C / -30C~70C

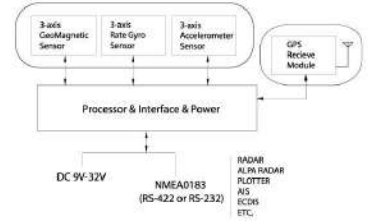
#### DIMENSION



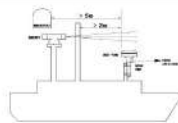
#### COMPONENT

Electronic compass — SEC-730  
Manual  
Installation kit

#### SYSTEM DIAGRAM



#### INSTALLATION



#### Installation condition

- ✓ at point of clear sky
- ✓ heading direction oriented
- ✓ at low track of land
- ✓ horizontal against the sphericity of the Earth
- ✓ distant from magnetic fields

#### Installation standard

