

Digital Magnetic Compass and AHRS Modules

Comparison Chart

| Specifications | <u>Prime-Pro</u>  | <u>NaviGuider</u>  | <u>Headway</u>  | <u>TRAX2</u>  | <u>SeaTRAX</u>  | <u>TargetPoint3</u>  | <u>TCM-XB</u>  | <u>PRIME</u>  |
|--|--|--|---|--|---|--|---|--|
| Heading Accuracy | 1° rms | 2° rms | 1° rms | 0.25° rms | 0.3° rms | 0.25° rms | 0.3° rms | 1° rms |
| Tilt Accuracy | 0.5° rms | 1° rms | 0.5° rms | 0.1° rms | 0.2° rms | 0.1° rms | 0.2° rms | 1° rms |
| Communication Interface | TTL/ CMOS UART | TTL/ CMOS UART | TTL/ CMOS UART | RS232/ TTL UART | RS232 UART | TTL/ CMOS UART | RS232 UART | Binary RS232 or CMOS/ TTL UART |
| Dimensions (L x W x H) mm | 27 x 19 x 8.34 | 27 x 19 x 8.35 | 29.3 x 21.3 x 10.6 | 35 x 43 x 8.4 | 70 x 11.8 x 10.3 | 29.3 x 21.1 x 10.1 | 35 x 43 x 13 | 33.6 x 31 x 9.6 |
| Output | Heading, Pitch, Roll, Mag, Accel | Heading, Pitch, Roll, Mag, Accel, Gyro, Pressure | Heading, Pitch, Roll, Mag, Accel, Gyro, Pressure | Heading, Pitch, Roll, Mag, Accel, Gyro | Heading, Pitch, Roll, Mag, Accel | Heading, Pitch, Roll, Mag, Accel | Heading, Pitch, Roll, Mag, Accel | Heading, Pitch, Roll, Mag, Accel |
| Suggested Applications | <ul style="list-style-type: none"> • Laser Range Finders • Ocean current meters • Buoys | <ul style="list-style-type: none"> • Unmanned Systems • Drones • Mining orientation probe | <ul style="list-style-type: none"> • Far Target locators • Weapon Orientation • Unmanned System Navigation | <ul style="list-style-type: none"> • Unmanned Systems • Drones • Mining orientation probe | <ul style="list-style-type: none"> • Towed Arrays • Oil exploration • Anti-submarine Warfare | <ul style="list-style-type: none"> • Far Target locators • Laser Range Finders | <ul style="list-style-type: none"> • Laser Range Finders • Oceanology • Unmanned Systems | <ul style="list-style-type: none"> • Sonar buoys • Ocean current meters • Laser Range finders |
| Single Quantity Pricing <small>(Contact us for qty discount)</small> | \$345 | \$345 | \$700 | \$1,295 | \$996 | \$996 | \$996 | \$345 |