

# 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> 
<b>Heading Accuracy</b>	1° rms	2° rms	1° rms	0.25° rms	0.3° rms	0.25° rms	0.3° rms	1° rms
<b>Tilt Accuracy</b>	0.5° rms	1° rms	0.5° rms	0.1° rms	0.2° rms	0.1° rms	0.2° rms	1° rms
<b>Communication Interface</b>	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
<b>Dimensions (L x W x H) mm</b>	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
<b>Output</b>	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
<b>Suggested Applications</b>	<ul style="list-style-type: none"> <li>• Laser Range Finders</li> <li>• Ocean current meters</li> <li>• Buoys</li> </ul>	<ul style="list-style-type: none"> <li>• Unmanned Systems</li> <li>• Drones</li> <li>• Mining orientation probe</li> </ul>	<ul style="list-style-type: none"> <li>• Far Target locators</li> <li>• Weapon Orientation</li> <li>• Unmanned System Navigation</li> </ul>	<ul style="list-style-type: none"> <li>• Unmanned Systems</li> <li>• Drones</li> <li>• Mining orientation probe</li> </ul>	<ul style="list-style-type: none"> <li>• Towed Arrays</li> <li>• Oil exploration</li> <li>• Anti-submarine Warfare</li> </ul>	<ul style="list-style-type: none"> <li>• Far Target locators</li> <li>• Laser Range Finders</li> </ul>	<ul style="list-style-type: none"> <li>• Laser Range Finders</li> <li>• Oceanology</li> <li>• Unmanned Systems</li> </ul>	<ul style="list-style-type: none"> <li>• Sonar buoys</li> <li>• Ocean current meters</li> <li>• Laser Range finders</li> </ul>
<b>Single Quantity Pricing</b> <small>(Contact us for qty discount)</small>	\$345	\$345	\$700	\$1,295	\$996	\$996	\$996	\$275