

# Targeting and Tracking Modules

## Comparison Chart

Specifications	<u>Headway</u> 	<u>TargetPoint -TCM</u> 	<u>TargetPoint3</u> 	<u>TargetPoint-SX</u> 	Specifications	<u>FORT</u> 
<b>Heading Accuracy</b>	1° rms	0.25° rms	0.25° rms	0.25° rms	<b>Tracking</b>	10m accuracy over 1km traveled
<b>Tilt Accuracy</b>	0.5 ° rms	0.1° rms	0.1° rms	0.1° rms		
<b>Magnetometer</b>	±200uT	±150	±150	±150		- Includes tracking module and iOS App
<b>Gyroscope</b>	2000 dps Drift error < 2°/min Scale error < 0.3%	2000 dps Drift error < 2°/min Scale error < 0.3%				- Google Maps
<b>Accelerometer</b>	±4G 0.5% linearity ±20mG bias stability	±4G 0.5% linearity ±20mG bias stability	±4G 0.5% linearity ±20mG bias stability	±4G 0.5% linearity ±20mG bias stability		- Option to fuse with iPhone GPS2
<b>Communication Interface</b>	TTL/ CMOS UART	3.3V CMOS UART	TTL/ CMOS UART	TTL/ CMOS UART	<b>Communication Interface</b>	BLE and USB Serial
<b>Dimensions (L x W x H) mm</b>	29.3 x 21.3 x 10.6	33 x 31 x 13.8	29.3×21.3×10.1	33 x 31 x 13.5	<b>Dimensions (L x W x H) mm</b>	50 x 14 x 33
<b>Output</b>	Heading, Pitch, Roll, Mag, Accel, Gyro, Pressure	Heading, Pitch, Roll, Mag, Accel, Gyro	Heading, Pitch, Roll, Mag, Accel	Heading, Pitch, Roll, Mag, Accel	<b>Output</b>	Heading, Pitch, Roll, Mag, Accel, Gyro, Pressure
<b>Applications</b>	<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>• Far Target locators</li> <li>• Weapon Orientation</li> <li>• Unmanned System Navigation</li> </ul>	<ul style="list-style-type: none"> <li>• Far Target locators</li> <li>• Weapon Orientation</li> <li>• Antenna positioning</li> </ul>	<ul style="list-style-type: none"> <li>• Vectronix DMC-SX 5000 drop-in replacement</li> </ul>	<b>Applications</b>	<ul style="list-style-type: none"> <li>• GPS Denied Tracking Systems</li> </ul>
<b>Single Quantity Pricing</b> <small>(Contact us for qty discount)</small>	\$700	\$1,495	\$996	\$996	<b>Pricing</b>	Request Quote