

		Position Accuracy*						Heading*		Rate of Turn*	Dimensions						
Product	Independence from vessel	Uncorrected	**SBAS/DGPS	RTK	Atlas Basic DGPS	Atlas RTK	AIS Range up to	HDG Accuracy	HDG Precision	ROT	Length	Width	Height	Weight (Sensors only)	Set-up time	Battery Life (up to)	Typical Usage
 GyroPilot	Pilot Plug based (dependent)	AIS					Ships' AIS	0.5°	0.001°	0.4° per minute	120mm	75mm	40mm	300gm	<2 minutes	24 hrs	Coastal pilotage, broader & uncomplicated pilotage applications
 GyroPilot Plus	Works with GP only (independent position)	1.5m	1m								120mm	75mm	40mm	300gm	<2 minutes	24 hrs	To augment the GP3 to provide independent position for confined navigation
 GyroPilot STS	Pilot Plug based (dependent)	AIS					Ships' AIS	0.5°	0.001°	0.4° per minute	120mm	75mm	40 mm	300gm	<3 minutes	24 hrs	To support lightening and side-to-side manoeuvre of two vessels
 ChannelPilot	Semi independent	2.5m	1m				10 nm	0.5°	0.001°	0.25° per minute	170mm	110 mm	72 mm or	850gm	<2 minutes	15 hrs	Channel/river navigation. Confined navigation. Some support for docking.
 ChannelPilot RTK	Semi independent	1.5m	1m	0.01m			10 nm	0.5°	0.001°	0.25° per minute	170mm	110 mm	72 mm or	850gm	<2 minutes	15 hrs	Channel/river navigation. Confined navigation. Supports docking.
 HarbourPilot Mk5	Fully independent	2.5m	0.3m	0.01m	0.3m	H30=0.3m/ H10=0.08m	10 nm	0.02° at 5m antenna separation	0.001°	0.1° per minute	180mm (processing unit) 135mm (master antenna)	140mm (processing unit) 135mm (master antenna)	90mm (processing unit) 75mm (master antenna)	1.9kg total (for master + processing unit)	<2 minutes	Up to 24 hrs	Confined navigation/docking/swinging. Can support any manoeuvre.
 HPSF	Fully independent	0.5m	0.3m	0.01m	0.3m	H30=0.3m/ H10=0.08m	Ships' AIS or up to 10 nm	0.01° at fixed antenna separation of 10m	0.001°	0.05° per minute	503mm	406mm	406mm	8kg	<3 minutes	Mains operated. 10 hrs battery backup.	Confined navigation/docking/swinging. Improve situational awareness. Can support any manoeuvre.
 CanalPilot	Fully independent	2.5m	0.3m	0.01m	0.3m	H30=0.3m/ H10=0.08m	25nm	< 0.02°	0.001°	0.1° per minute	250mm	186mm	81mm	3.5kg		8 hrs	Total situational awareness to ensure safe navigation through Panama Canal.

*Achieves accuracies down to
** SBAS reception is dependent on regional availability

Product Comparison - Features

		Connectivity	AIS	Position Source		Corrections				Antenna		ROT	Battery		
Product	Version /Model	*Multi connect with Wi-Fi	AIS	mGNSS Receiver	L Band	**SBAS	Atlas (subscription based services)	RTK (options)	UHF dgps	Type	Separation	Gyro	Type	Charger Type	Pack / Store Options
	v3	Multi-connect with Wifi	Via ship's pilot plug	Backup mGNSS available	L1					Pilot plug based		✓	Li-ion	Via USB	Dry bag + anti-slip mat (included)
	Mk1	Wireless Pairs with GyroPilot connected to users' display		GPS/GLONASS/ GALILEO/QZSS/ BEIDOU	L1/L5	✓				mGNSS		N/A	Li-ion	Via USB	Dry bag (included)
	Mk1	Multi-connect with Wifi	Via ship's pilot plug	GPS/GLONASS/ GALILEO/QZSS/ BEIDOU	L1					Pilot plug based		✓	Li-ion	Via USB	Dry bag + anti-slip mat (included)
	Mk3	Multi-connect with Wifi	Independent AIS	GPS/GLONASS/ GALILEO/QZSS/ BEIDOU	L1	✓				mGNSS		✓	Li-ion	Mains charger	Custom made backpack with foam insert (optional)
	Mk3	Multi-connect with Wifi	Independent AIS	GPS/GLONASS/ GALILEO/QZSS/ BEIDOU	L1/L5	✓		NTRIP		mGNSS		✓	Li-ion	Mains charger	Custom made backpack with foam insert (optional)
	Mk5	Multi-connect with Wifi	Independent AIS	GPS/GLONASS/ GALILEO/QZSS/ BEIDOU	L1/L2/L5	✓	Atlas Basic, H10 or H30	NTRIP, UHF, or Satellite based	✓	Connected Dual mGNSS	Self calibrating	✓	Li-ion	Via USB or mains charger	Custom made backpack with foam insert (optional)
	Mk1	Multi-connect with Wifi	Independent AIS (external antenna optional)	GPS/GLONASS/ GALILEO/QZSS/ BEIDOU	L1/L2/L5	✓	Atlas Basic, H10 or H30	NTRIP, UHF or Satellite based		Connected Dual mGNSS	Self calibrating	✓	Li-ion	Mains charger	Ruggedised case (built in)
	Mk1	Multi-connect with Wifi	Independent AIS	GPS/GLONASS/ GALILEO/QZSS/ BEIDOU	L1/L2/L5	✓	Atlas Basic, H10 or H30	NTRIP, UHF or Satellite based		Connected Dual mGNSS	Self calibrating	✓	Li-ion	Mains or DC power supply	Ruggedised case (built in)

*Can connect to multiple Wi-Fi devices

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