General Specifications for Selected Low-Cost GPS Receivers†

Make	Receiver	Type	NMEA 0183	Memory	WAAS	Accuracy	Update Rate	Battery Life	Display Size	Dimensions (in.)	Weight	Area Calculator	Ext. Antenna	Voltage	MSRP
DeLorme	Earthmate GPS	Receiver/Antenna Combo	Yes	*	Yes	< 3 m	N.D.	*	*	2.1 x 0.9 x 0.8	N.D.	*	***	N.D.	$ 129.95
Garmin	cf Que 1620	Compact Flash	Yes	*	No	< 15 m	2 Hz	*	*	1.7 x 2.0 x 0.5	1.5 oz.	*	***	3.3 - 5	$ 267.84
Garmin	eTrex	Handheld	Yes	N/A	N/A	< 15 m	1 Hz	22 HR (2 AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.3 oz.	No	No	2.5	$ 106.24
Garmin	eTrex Camo	Handheld	Yes	N/A	N/A	3-5 m	1 Hz	22 HR (2 AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.3 oz.	No	No	2.5	$ 116.86
Garmin	eTrex Legend	Handheld	Yes	8 MB	Yes	< 3 m	1 Hz	18 HR (2 AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.3 oz.	Yes	No	2.5	$ 182.13
Garmin	eTrex Legend C (Color)	Handheld	Yes	24 MB	Yes	< 3 m	1 Hz	36 HR (2 AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.6 oz.	No	No	N.D.	$ 374.99
Garmin	eTrex Summit	Handheld	Yes	N/A	N/A	< 15 m	1 Hz	22 HR (AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.3 oz.	No	No	2.5	$ 214.27
Garmin	eTrex Venture	Handheld	Yes	1 MB	Yes	3-5 m	1 Hz	20 HR (2 AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.3 oz.	Yes	No	2.5	$ 149.32
Garmin	eTrex Vista	Handheld	Yes	24 MB	Yes	< 3 m	1 Hz	12 HR (2 AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.3 oz.	Yes	No	2.5	$ 289.27
Garmin	eTrex Vista C (Color)	Handheld	Yes	24 MB	Yes	< 3 m	1 Hz	20 HR (2 AA)	2.1 x 1.1	4.4 x 2.0 x 1.2	5.6 oz.	No	No	N.D.	$ 428.56
Garmin	Geko 101	Handheld	N.D.	N/A	N/A	< 15 m	1 Hz	12 HR (2AAA)	1.44 x .92	3.9 x 1.9 x .96	2.3 oz.	No	No	3.2	$ 113.32
Garmin	Geko 201	Handheld	Yes	N/A	Yes	< 3 m	1 Hz	12 HR (2AAA)	1.44 x .92	3.9 x 1.9 x .96	2.3 oz.	No	No	3.2	$ 149.99
Garmin	Geko 301	Handheld	Yes	N/A	Yes	< 3 m	1 Hz	16 HR (2AAA)	1.44 x .92	3.9 x 1.9 x .96	2.3 oz.	Yes	No	3.2	$ 246.41
Garmin	GPS 12	Handheld	Yes	N/A	N/A	< 15 m	1 Hz	24 HR	2.2 x 1.5	5.8 x 2.1 x 1.2	9.5 oz.	Yes	No	5 - 8	$ 231.80
Garmin	GPS 12XL	Handheld	Yes	N/A	N/A	< 15 m	1 Hz	24 HR	2.2 x 1.5	5.8 x 2.1 x 1.2	9.5 oz.	Yes	Yes	10 - 32	$ 309.07
Garmin	GPS 72	Handheld	Yes	1 MB	Yes	< 3 m	1 Hz	16 HR (2 AA)	2.2 x 1.6	6.2 x 2.7 x 1.4	7.7 oz.	Yes	No	8 - 35	$ 170.65
Garmin	GPS 76	Handheld	Yes	1 MB	Yes	< 3 m	1 Hz	16 HR (2 AA)	2.2 x 1.6	6.2 x 2.7 x 1.4	7.7 oz.	Yes	Yes	10 - 40	$ 228.56
Garmin	GPS II Plus	Handheld	Yes	N/A	N/A	< 15 m	1 Hz	24 HR	2.2 x 1.5	5 x 2.32 x 1.62	9.0 oz.	No	Yes	10 - 32	N.D.
Garmin	GPS V	Handheld	Yes	19 MB	Yes	< 3 m	1 Hz	25 HR	2.2 x 1.5	5 x 2.32 x 1.62	9.0 oz.	No	Yes	8 - 35	$ 321.41
Garmin	GPS-16 (HVS)	Receiver/Antenna Combo	Yes	*	Yes	< 3 m	1 Hz	*	*	3.4 (diameter) x 1.7	6.4 oz.	*	***	10 - 40	$ 198.67
Garmin	GPS-16 (LVS)	Receiver/Antenna Combo	Yes	*	Yes	< 3 m	1 Hz	*	*	3.4 (diameter) x 1.7	6.4 oz.	*	***	3.3 - 6	$ 198.67
Garmin	GPS-16 A	Receiver/Antenna Combo	Yes	*	Yes	< 3 m	5 Hz	*	*	3.4 (diameter) x 1.7	8 oz.	*	***	8 - 40	$ 357.14
Garmin	GPS-17N	Receiver/Antenna Combo	Yes	*	Yes	< 3 m	1 Hz	*	*	3.4 (diameter) x 4.3	8 oz.	*	***	10 - 40	$ 225.33
Garmin	GPS-18	Receiver/Antenna Combo	Yes	*	Yes	< 3 m	1 Hz	*	*	2.4 (diameter) x 0.8	6.5 oz.	*	***	4.4 - 5.5	$ 89.95
Garmin	GPSMAP 60C/60CS	Handheld	Yes	56 MB	Yes	< 3 m	1 Hz	30 HR (3AAA)	2.2 x 1.5	2.4 x 6.1 x 1.3	5.4 oz.	N.D.	Yes	N.D.	$ 482.13
Garmin	GPSMAP 76	Handheld	Yes	8 MB	Yes	< 3 m	1 Hz	16 HR (2 AA)	2.2 x 1.6	6.2 x 2.7 x 1.4	7.7 oz.	Yes	Yes	10 - 40	$ 321.41
Garmin	GPSMAP 76S/C/CS	Handheld	Yes	24-115 MB	Yes	< 3 m	1 Hz	10-30 HR (2 AA)	2.2 x 1.6	6.2 x 2.7 x 1.4	7.7 oz.	Yes	Yes	10 - 40	$ 430.75
Garmin	Rino 110	Handheld	Yes	1 MB	Yes	< 3 m	1 Hz	15 HR (3 AA)	1.4 x 1.4	6.9 x 2.4 x 1.7	7.6 oz.	Yes	No	4.5	$ 194.27
Garmin	Rino 120	Handheld	Yes	8 MB	Yes	< 3 m	1 Hz	15 HR (3 AA)	1.4 x 1.4	6.9 x 2.4 x 1.7	7.6 oz.	Yes	No	4.5	$ 267.84
Garmin	Rino 130	Handheld	Yes	24 MB	Yes	< 3 m	1 Hz	15 HR (3 AA)	1.4 x 1.4	6.9 x 2.4 x 1.7	7.6 oz.	Yes	No	4.5	$ 374.99
Global Sat	SD-501	SD GPS	Yes	*	Yes	< 5 m	1 Hz	*	*	3.1 x 1.2 x 0.7	N.D.	*	Yes	N.D.	$ 199.99
Holux	GM-210	Receiver/Antenna Combo	Yes	*	Yes	< 2.2 m	1 Hz	*	*	N.D.	3.5 oz.	*	***	4.5 - 5.5	$ 129.95
Holux	GM-270	Compact Flash	Yes	*	Yes	< 2.2 m	1 Hz	*	*	N.D.	1.8 oz.	*	Yes	3.3 +/- 10%	$ 189.95
Holux	GM-270 Ultra	Compact Flash	Yes	*	Yes	< 2.2 m	1 Hz	*	*	N.D.	1.8 oz.	*	Yes	3.3 +/- 10%	$ 229.95
Holux	GR-230	Bluetooth	Yes	*	Yes	< 2.2 m	1 Hz	9 HR (Recharge)	*	N.D.	2.5 oz.	*	Yes	N.D.	$ 259.99
Lowrance	iFinder Series	Handheld	Yes	16 MB**	Yes	N.D.	N.D.	N.D. (2 AA)	1.7 x 2.2	5.6 x 2.5 x 1.0	7.6 oz.	N.D.	Yes	N.D.	$ 159.99
Magellan	eXplorist 100	Handheld	No	N.D.	Yes	< 3 m	1 Hz	N.D. (2 AA)	1.4 x 1.8	2.1 x 4.6 x 1.3	8.0 oz.	N.D.	N.D.	N.D.	$ 99.95
Magellan	eXplorist 200	Handheld	No	8 MB	Yes	< 3 m	1 Hz	N.D. (2 AA)	1.4 x 1.8	2.1 x 4.6 x 1.3	8.0 oz.	N.D.	N.D.	N.D.	$ 149.00
Magellan	eXplorist 300	Handheld	No	8 MB	Yes	< 3 m	1 Hz	N.D. (2 AA)	1.4 x 1.8	2.1 x 4.6 x 1.3	8.0 oz.	N.D.	N.D.	N.D.	$ 199.00
Magellan	Meridian Color	Handheld	Yes	128 MB**	Yes	< 3 m	1 Hz	13 (2 AA)	2.2 x 1.55	6.5 x 2.9 x 1.2	4.0 oz.	N.D.	Yes	N.D.	$ 499.99
Magellan	Meridian Gold	Handheld	Yes	128 MB**	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.55	6.5 x 2.9 x 1.2	8.0 oz.	N.D.	No	N.D.	$ 329.99
Magellan	Meridian GPS	Handheld	Yes	128 MB**	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.55	6.5 x 2.9 x 1.2	8.0 oz.	N.D.	No	N.D.	N.D.
Magellan	Meridian Marine	Handheld	Yes	128 MB**	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.55	6.5 x 2.9 x 1.2	8.0 oz.	N.D.	No	N.D.	$ 359.99
Magellan	Meridian Platinum	Handheld	Yes	128 MB**	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.55	6.5 x 2.9 x 1.2	8.0 oz.	N.D.	No	N.D.	$ 399.99
Magellan	SporTrak	Handheld	Yes	1MB	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.4	5.6 x 2.2 x 1.2	6.1 oz.	N.D.	No	N.D.	$ 169.99
Magellan	SporTrak Color	Handheld	Yes	22 MB	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.4	5.6 x 2.2 x 1.2	6.1 oz.	N.D.	No	N.D.	$ 349.99
Magellan	SporTrak Map	Handheld	Yes	6 MB	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.4	5.6 x 2.2 x 1.2	6.1 oz.	N.D.	No	N.D.	$ 229.99
Magellan	SporTrak Pro	Handheld	Yes	23 MB	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.4	5.6 x 2.2 x 1.2	6.1 oz.	N.D.	No	N.D.	$ 299.99
Magellan	SporTrak Pro Marine	Handheld	Yes	17MB	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.4	5.6 x 2.2 x 1.2	6.1 oz.	N.D.	No	N.D.	$ 299.99
Magellan	SporTrak Topo	Handheld	Yes	16 MB	Yes	< 3 m	1 Hz	14 (2 AA)	2.2 x 1.4	5.6 x 2.2 x 1.2	6.1 oz.	N.D.	No	N.D.	N.D.
Navman	GPS 110	Receiver/Antenna Combo	Yes	*	N.D.	< 6.8 m	1 Hz	*	*	N.D.	N.D.	*	***	16-May	$ 105.99
Navman	GPS 3450	PDA Sleeve	Yes	*	Yes	< 5 m	N.D.	*	*	(sleeves iPAQ)	N.D.	*	N.D.	3.3 - 5.0	$ 249.99
Navman	GPS 4400/4410	Bluetooth	Yes	*	Yes	< 5 m	N.D.	30 HR (3AAA)	*	3.7 x 2.4 x 1.0	7.9 oz	*	No	5.0	$ 213.95
Navman	GPS i Series	PDA Sleeve****	Yes	*	Yes	< 10 m	N.D.	*	*	(sleeves iPAQ)	N.D.	*	Yes	3.3	N.D.
Navman	GPS m Series	PDA Sleeve	Yes	*	Yes	< 10 m	N.D.	*	*	(sleeves Palm)	N.D.	*	No	N.D.	N.D.
Navman	GPS p Series	PDA Sleeve	Yes	*	Yes	< 10 m	N.D.	*	*	(sleeves Palm)	N.D.	*	No	N.D.	N.D.
NavRoute	HP-505/525	Receiver/Antenna Combo	Yes	*	Yes	1-5 m	N.D.	*	*	2.3 x 1.9 x 0.8	N.D.	*	***	5 +/- 5%	$ 139.99
NavRoute	HP-600/610	Compact Flash	Yes	*	Yes	1-5 m	N.D.	*	*	3.7 x 1.9 x 0.7	N.D.	*	Yes	3.3 +/- 10%	$ 199.99
NavRoute	HP-700	Bluetooth	Yes	*	Yes	1-5 m	N.D.	8 HR (Recharge)	*	3.3 x 1.8 x 1.1	N.D.	*	Yes	5 +/- 5%	$ 349.99
Pharos	SDIO GPS	SD GPS	Yes	*	N.D.	< 10 m	N.D.	*	*	1.2 x 1.3 x .55	N.D.	*	N.D.	3.3	$ 249.95
Rayming	TN202	Compact Flash	Yes	*	Yes	N.D.	N.D.	*	*	N.D.	N.D.	*	Yes	N.D.	$ 209.99
Rayming	TN206	Bluetooth	Yes	*	Yes	N.D.	N.D.	8 HR (Recharge)	*	N.D.	N.D.	*	N.D.	2.8 - 3.3	$ 349.99
RoyalTek	RBT-3000	Bluetooth	Yes	*	Yes	< 10 m	1 Hz	10 HR (Recharge	*	4.5 x 2.1 x 0.9	N.D.	*	Yes	N.D.	$ 299.99

† Low-Cost GPS receivers in this partial list consist of those whose manufacturer's suggested retail price (MSRP) is < $500 or that can be consistently found on various internet marketplaces for < $500. Mention or failure to mention any manufacturer or manufacturer's product does not constitute an endorsement by the University of Kentucky or the Precision Agriculture Research Team.

* Memory, power, and screen size depends on the computer or PDA, since these are receiver/antenna combinations or CF GPS receivers.

** Uses integral SD cards to store maps and data

*** These receivers serve as their own antenna and can expand to needed lengths by extension cables or (if available) wireless communication.

**** A sleeve unit that has a CF port for additional memory.

Please visit www.bae.uky.edu/precag/ for more details.

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GPS Receiver			Additional Comments
DeLorme	Earthmate GPS		This receiver is PC or handheld based. It has software that comes with it and stores data on the computer in a proprietary format. Free software on the web enables the transformation from the proprietary format to .txt or other more universal formats. Uses the SiRF Star II chipset, which has proven to be very accurate. Has no magnetic mount. (www.delorme.com)
Garmin	cf Que 1620		Garmin's venture into the CF GPS market follows on the success of their innovative iQue series that integrated the GPS receiver into specific models of Palm and Pocket PC PDAs. As CF GPS receivers go, it is rather expensive.
Garmin	eTrex		This handheld has limited accuracy and little or no capacity to store data. (www.garmin.com)
Garmin	eTrex Camo		This handheld has little or no capacity to store data. (www.garmin.com)
Garmin	eTrex Legend/Legend C		(www.garmin.com)

Garmin	eTrex Summit		This handheld has limited accuracy and little or no capacity to store data. (www.garmin.com)
Garmin	eTrex Venture		(www.garmin.com)
Garmin	eTrex Vista/Vista C		A high amount of data storage. (www.garmin.com)
Garmin	Geko 101		This handheld has no ability to stream data, limited accuracy, and little or no capacity to store data. (www.garmin.com)
Garmin	Geko 201		This handheld has little or no capacity to store data. (www.garmin.com)

Garmin	Geko 301		This handheld has little or no capacity to store data. (www.garmin.com)
Garmin	GPS 12		This handheld has little or no capacity to store data. (www.garmin.com)
Garmin	GPS 12XL		This handheld has little or no capacity to store data. (www.garmin.com)
Garmin	GPS 72		(www.garmin.com)
Garmin	GPS 76		(www.garmin.com)

Garmin	GPS II Plus		This device has recently been discontinued, though can still be found at some internet clearinghouses. This handheld has little or no capacity to store data. (www.garmin.com)
Garmin	GPS V		A high amount of data storage. (www.garmin.com)
Garmin	GPS-16 (HVS)		This receiver connects to a PC, handheld, or PA monitor/controller. It comes bare wired, so installation requires added skill. It tends to be less mobile . It has a 1 Hz update rate which isn't fast enough to run a lightbar with the accuracy needed at the speed of most agricultural operations. HVS stands for low voltage system. It operates at a higher voltage range than the LVS. (www.garmin.com)
Garmin	GPS-16 (LVS)		This receiver connects to a PC, handheld, or PA monitor/controller. It comes bare wired, so installation requires added skill. It tends to be less mobile. It has a 1 Hz update rate which isn't fast enough to run a lightbar with the accuracy needed at the speed of most agricultural operations. LVS stands for low voltage system. It operates at a lower voltage range than the HVS. (www.garmin.com)
Garmin	GPS-16 A		This receiver connects to a PC, handheld, or PA monitor/controller. It comes bare wired, so installation requires added skill. It tends to be less mobile. It has a 5 Hz update rate which is fast enough to run a lightbar with an accuracy of only < 3 m (even with WAAS). (www.garmin.com)

Garmin	GPS-17N		This receiver connects to a PC, handheld, or PA monitor/controller. It comes bare wired, so installation requires added skill. It tends to be less mobile and becomes a more permenantly installed receiver. It has a 1 Hz update rate which isn't fast enough to run a lightbar with the accuracy needed at the speed of most agricultural operations. It operates at a higher voltage range, similar to the GPS-16 (HVS). (www.garmin.com)
Garmin	GPS-18		This receiver connects to a PC, handheld, or PA monitor/controller. It comes bare wired, with a USB connection, or with a 9-pin RS-232 connection. It tends to be less mobile and becomes a more permenantly installed receiver. It has a 1 Hz update rate which isn't fast enough to run a lightbar with the accuracy needed at the speed of most agricultural operations. It is one of the most inexpensive receivers on the market, and would be perfect for yield monitoring. (www.garmin.com)
Garmin	GPS 60 C/CS		Garmin's newest handheld. In addition to adding color, new geocaching and auto-routing features have been added. The CS version also contains a barometer/altimeter combo and an electronic compass. (www.garmin.com)
Garmin	GPSMAP 76		(www.garmin.com)
Garmin	GPSMAP 76S/C/CS		A high amount of data storage. (www.garmin.com)

Garmin	Rino 110		Offers two-way radio feature using the family channels (2 mile range) as well as GRMS (5 mile range - requiring FCC license). Transmits position by the radio feature which is then plotted on other Rinos. (www.garmin.com)
Garmin	Rino 120		Offers two-way radio feature using the family channels (2 mile range) as well as GRMS (5 mile range - requiring FCC license). Transmits position by the radio feature which is then plotted on other Rinos. Also has substantial memory for data storage. (www.garmin.com)
Global Sat	SD-501		One of two SD-type receivers now available. Compact Flash (CF) style insertable receivers have simplified PDA/GPS combinations. This may provide a viable alternative for those who have PDAs that have no CF slot and only a SD slot. The additional apparatus on the top is suppose to aid satellite reception, but appears to increase the opportunity for damage. Accuracy is apparently its advantage. (www.globalsat.com.tw)
Holux	GM-210		A receiver/antenna combination that is based on the same chipset, the SiRFstarII chipset, as many other products. Has a magnetic mount to easily and safely lay on top of equipment or vehicle. Has PS2 connection (like the connection used for mouse and keyboards) but connects to USB or 9-pin serial (RS 232) cable adapters that can be specified with the kit. (www.holux.com)
Holux	GM-270		A CF-based GPS that uses the SiRFstarII chipset. (www.holux.com)

Holux	GM-270 Ultra		According to the spec sheets, the GM-270 Ultra is a more sensitive receptor of weak satellite signals, especially those that occur in densely wooded areas. (www.holux.com)
Holux	GR-230		A bluetooth (wireless) receiver. Uses SiRFstarII chipset. Is quoted as a 33ft. range in the Bluetooth. (www.holux.com)
Lowrance	iFinder Series		Also known for their development of recreational marine electronics, Lowrance provides a sturdy line of user friendly GPS receivers. Unfortunately, data on the accuracy of these devices is lacking from their website and other sources used. (www.lowrance.com)
Magellan	eXplorist 100/200/300		This is Magellan's venture into the lower, inexpensive end of the GPS spectrum. Their low price is attractive, but like Garmin's Geko 101, they lack the essential ability to stream NMEA protocol strings. The 100 has no integral memory, while the 200/300 series offer 8 MB. The 300 adds the extra functions of a barometer/altimeter and electronic compass. (www.magellangps.com)
Magellan	Meridian Color		Offers great deal of expandability by using a SD cards (www.magellangps.com)

Magellan	Meridian Gold		Offers great deal of expandability by using a SD cards (www.magellangps.com)
Magellan	Meridian GPS		Offers great deal of expandability by using a SD cards (www.magellangps.com)
Magellan	Meridian Marine		Offers great deal of expandability by using a SD cards (www.magellangps.com)
Magellan	Meridian Platinum		Offers great deal of expandability by using a SD cards (www.magellangps.com)
Magellan	SporTrak		(www.magellangps.com)

Magellan	SporTrak Color		A high amount of data storage. (www.garmin.com)
Magellan	SporTrak Map		(www.magellangps.com)
Magellan	SporTrak Pro		A high amount of data storage. (www.garmin.com)
Magellan	SporTrak Pro Marine		A high amount of data storage. (www.garmin.com)
Magellan	SporTrak Topo		This is a relatively new offer from Magellan. It has not yet been priced as it will not be on the market until Nov. 2003. (www.magellangps.com)

Navman	GPS 110		This is Navman's entry into the receiver/antenna combination. Priced competitively with other such devices. Uses a Conexant Zodiac chip set system without WAAS correction (apparently). The connection with the laptop, PDA or other such device isn't explicit in the spec sheet, either. (www.navman.com)
Navman	GPS 3450		Sleeve GPS for iPAQ. Uses SiRFstarII chipset. (www.navman.com)
Navman	GPS 4400		A bluetooth (wireless) receiver. Uses SiRFstarII chipset. Is quoted as a 33ft. range in the Bluetooth. (www.navman.com)
Navman	GPS 3450		Sleeve GPS for iPAQ. Uses SiRFstarII chipset. (www.navman.com)
NavRoute	HP-505/525		A receiver/antenna combination that is based on the same chipset as others products from NavRoute and other companies, the SiRFstarII chipset. Has a magnetic mount to easily and safely lay on top of equipment or vehicle. (www.navroute.com)

NavRoute	HP-600/610		A CF-based GPS that uses the SiRFstarII chipset. (www.navroute.com)
NavRoute	HP-700		A bluetooth (wireless) receiver. Uses SiRFstarII chipset with FoliageLock to compensate for weak signals. (www.navroute.com)
Pharos	SDIO GPS		One of two SD-type receivers now available. Compact Flash (CF) style insertable receivers have simplified PDA/GPS combinations. This may provide a viable alternative for those who have PDAs that have no CF slot and only a SD slot. This one seems to be more "low-profile" than the SD-501, which could aid its ruggedness in the field. But, early indications are that it is not as accurate as the SD-501. (www.pharosgps.com)
Rayming	TN202		A CF-based GPS that uses the SiRFstarII chipset. Most likely the same receiver as the NavRoute version. (www.rayming.com)
Rayming	TN206		A bluetooth (wireless) receiver. Uses SiRFstarII chipset with FoliageLock to compensate for weak signals. Again, most likely the same receiver as the NavRoute version. (www.rayming.com)