

B&G RemoteVision



**Information
and control...**

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A Simrad Company

MAXIMIZING YOUR PERFORMANCE AT SEA

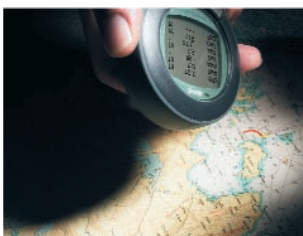
...no strings attached!



RemoteVision as used by Ellen MacArthur, fastest woman to sail single-handed around the world.



The Internal, gimballed, electronic fluxgate compass enables you to get and store instant and accurate bearings to any point from wherever you are on deck.



The complete navigators tool. When it gets dark, the integrated, LED torch ensures you always have light where you need it.



A wireless link to your instrument system and pilot controller in the palm of your hand

Originally conceived following talks with Ellen MacArthur following her request to be able to access vital B&G data and control her autopilot wherever she was, whatever she was doing on the boat. "I'm so pleased B&G have developed RemoteVision, it gives me total control of my boat from wherever I am on board, it enables me to view vital information, take balanced decisions and act quickly and safely, benefiting from the tactical advantage of my B&G data."



How does it work?

The lightweight, palm sized unit is linked to the instrument and pilot control network through a small base station and secure wireless connection, suitable for use on both small and large vessels. Each unit is paired to the base station on your boat through a unique pin number, ensuring total security and control within the boats own system.

Who is it for?

RemoteVision is the "must have" tool for any sailor, whether single handed, with crew, racing or cruising. It offers you, full wireless access to B&G Hydra and Hercules instrument and pilot systems and enables you to do everything you can with the regular Full Function and Pilot displays and more!



- Ideal for cruising or racing sailors alike

Simple to use!

The control buttons operate through simple mobile phone logic. On, off, autopilot, port and starboard and joystick control to easily navigate through the menu. The clear graphical display will show any information from your instruments or pilot during day, or night with the aid of the backlight.

Control of your boat at the touch of a button

View data from your system, including boat speed, wind, depth or heading data in the palm of your hand, wherever you may be on the boat. Check your heading and bearing to waypoint and alter course by a few degrees, or manoeuvre the boat in an emergency. All done simply and quickly from wherever you are; changing sails on deck, or even climbing the mast!

Simple to install and easy to use

RemoteVision is not just for new systems; it can be easily Retro-fitted to most B&G Hercules or Hydra systems. Installation is simple and takes a matter of minutes, through a single cable connection from the small base unit onto the B&G network.

Vital Information always to hand

Take vital tactical decisions from wind shifts, or study graphical time plots of any instrument data such as true wind speed or direction, or even barometric pressure when you're cruising offshore. You can even view your expected heading on the opposite tack.

Accurate instrument calibration made easy

RemoteVision makes B&G so simple to use. It's never been so easy to calibrate your instruments. For instance, to calibrate true wind direction, just sail the boat on each tack and make a note of your true wind direction each time, or view data on the time plots; if there is a difference from tack to tack, simply access the calibration tables with the joystick and enter in your new offset values.

Safety First, wherever you are

One of the most outstanding safety features is the alarm answer mode. Set and monitor alarms whilst resting in your bunk, so that if the system senses the vessel heading off course, the controller can be used to answer alarms and set pilot parameters without having to be at the chart table or on deck.

Full system control

Edit the way you or your crew view instrument displays such as 20/20s or 40/40s, or even turn on display lighting when it gets dark. Set the Race timer, or view it personally in the palm of your hand whilst sitting on the rail.

Keep up to date

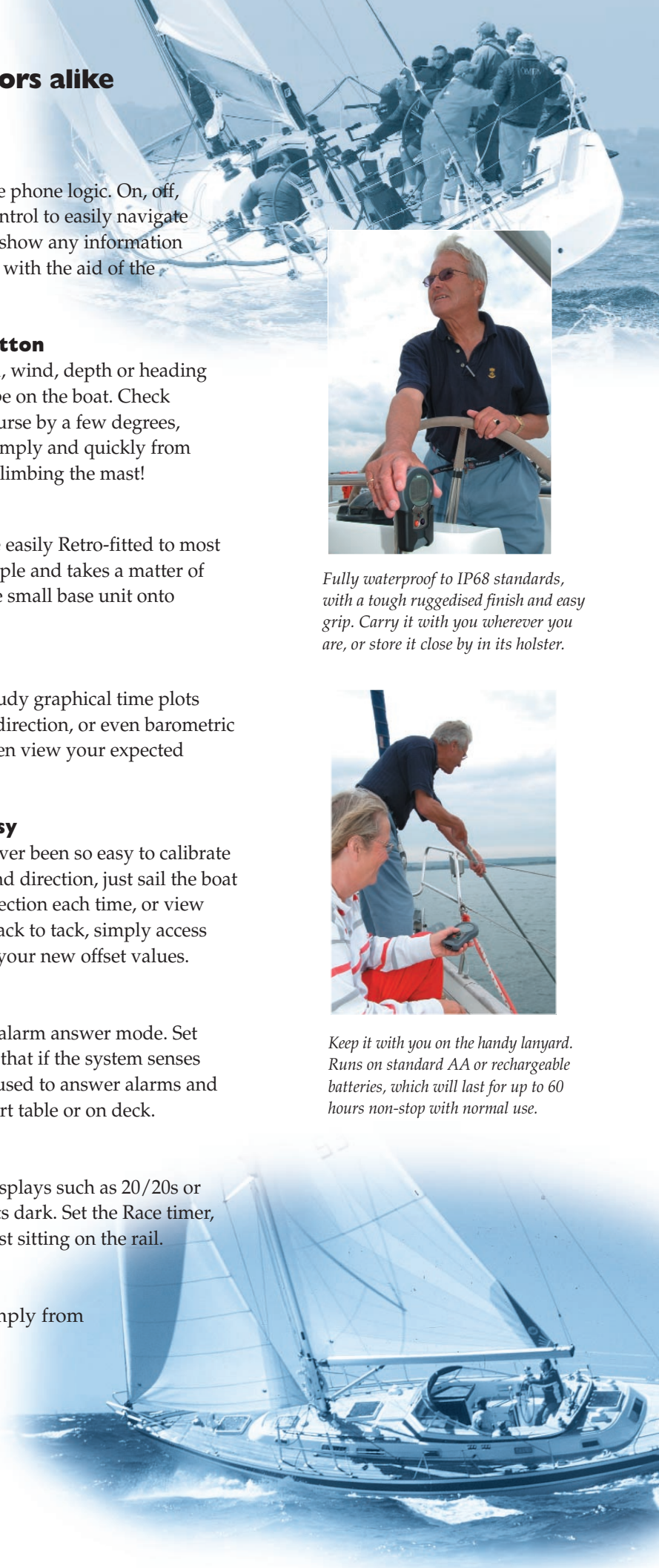
Upgrade RemoteVision software quickly and simply from a PC or PDA through the wireless link.



Fully waterproof to IP68 standards, with a tough ruggedised finish and easy grip. Carry it with you wherever you are, or store it close by in its holster.



Keep it with you on the handy lanyard. Runs on standard AA or rechargeable batteries, which will last for up to 60 hours non-stop with normal use.



Specifications

RemoteVision

| | |
|----------------|----------------------------------|
| Display | |
| Resolution: | 128 x 100 pixel |
| Technology: | FSTN dot-matrix transfective LCD |
| Lighting: | Green / Blue EL Panel, 3 levels |

| | |
|-------------------------|-------------------------------------|
| Torch/Flashlight | |
| Type: | Single high bright blue / white LED |

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|-------------------------|----------------------------|
| Performance | |
| Communication Range: | Up to 50m (typical)* |
| Communication Security: | Secured by unique PIN code |
| Compass Accuracy: | +/- 3° (typical) |

| | |
|-----------------|-----------------------|
| Physical | |
| Construction: | Moulded Acrylic & ABS |
| Dimensions: | 133 x 81 x 35mm (max) |
| Weight: | 300g (inc. batteries) |

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|------------------------|-----------------|
| Environmental | |
| Sealing: | IP68 |
| Operating Temperature: | - 10 to + 60°C |
| Storage Temperature: | - 20 to + 80°C |
| Humidity Range: | 0 - 95% RH |
| Compass Safe Distance: | 0.1 m (typical) |

| | |
|-------------------|--|
| Electrical | |
| Supply: | 2 x 1.5V AA (LR6) size batteries |
| Battery Life: | 60 hours (typical usage)* > 200 hours (typical standby)* (Battery life reduced if re-chargeable type batteries are used) |

* Range and Battery life are dependent on local conditions such as weather conditions, localised structures and Base Station - RemoteVision relative locations.

Base Station

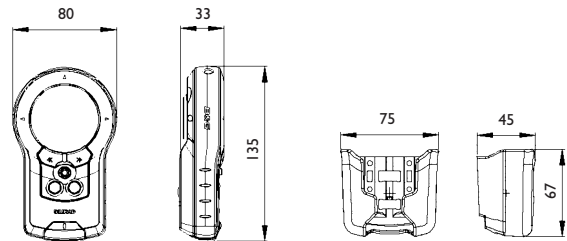
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|-----------------|------------------------------|
| Physical | |
| Construction: | Moulded ABS |
| Dimensions: | 111 x 105 x 75mm (max) |
| Weight: | 600g (inc. 2m FastNet Cable) |

| | |
|------------------------|----------------|
| Environmental | |
| Sealing: | IP67 |
| Operating Temperature: | - 10 to + 60°C |
| Storage Temperature: | - 20 to + 80°C |
| Humidity Range: | 0 - 95% RH |

| | |
|--------------------|---------------------------------|
| Electrical | |
| Supply: | 12Vdc (nominal) via FastNet bus |
| Power Consumption: | 2W |

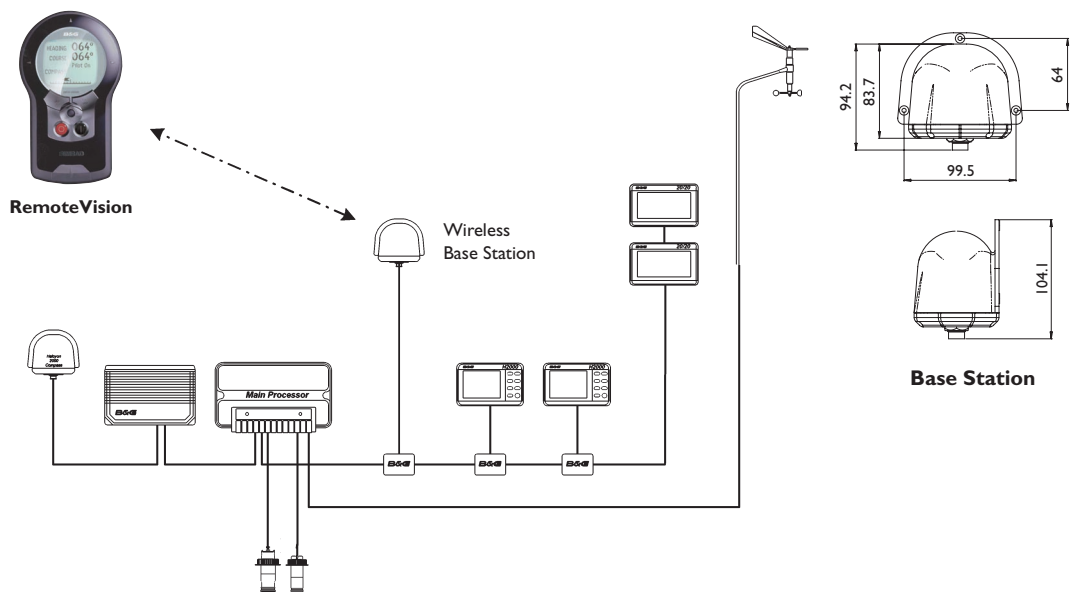
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| Compliance (RemoteVision & Base Unit) | |
| RF: | 2.4GHz ISM band, ETS 300 328 |
| EMC: | EN60945 |

| | |
|---|--|
| Compatibility: | |
| Hydra 330, Hydra 2, Hydra 2000 | |
| Hercules 690, Hercules 790, Hercules 2000 | |



RemoteVision

Cradle



Base Station