

## 3020 Display



- Direct replacement for a B&G 20/20, fitting into the same mounting and cut-out, but with much larger digits. It is compatible with existing B&G systems (H2000, H3000 & WTP) plus has future-proof interface and software design to allow for upgrades to new standards and systems.
- Compatible with existing B&G systems (H2000, H3000 & WTP)
- Made in 3 different interfaces, Fastnet for historic B&G, CANbus (N2K compatible) and Ethernet for A+T and FaRo
- Completely waterproof, immersible as all A+T displays
- High working temperature 70° C plus
- Very fast display refresh rate (>25Hz)
- LCD bonded to quality 3mm toughened glass to eliminate condensation clouding
- Antiglare coated glass with no loss when using polarized sunglasses

### Environmental

- IP68 and each unit tested fully immersed at 1m for 24 hours before shipping
- Neoprene seal between back shell and main body allows for component level repairs
- All CNC PA66 construction with wall thickness >2.5mm; no corrosion when mounted into carbon
- Cable connection pigtail is hard wired into unit to keep profile low and eliminate issues with plugs and sockets in potentially exposed areas
- Each strand of pigtail separately sealed in epoxy on entry to eliminate water wicking up the cable. Pigtail can be cut short to any length
- Hermetically sealed and tested from temperature and air transport pressure stresses
- Operating temperature -10° C to 70° C. Internal temperature sensor and display

## Comparison with B&G 20/20



### Interfacing & Power

- Power supply 10 to 40v dc
- Power requirements for day and night mode: 0.9W with backlight off & 1.5W with backlight on
- Over volts surge protected with self-resetting fuse
- 5m bare ended cable configurable for Fastnet connection with B&G systems, or Ethernet connection for the A+T ATP systems
- N2K compatible interface version available with Bluetooth for display set-up

### Mounting & Mechanical

- Fits into the cut-outs\* for either existing B&G 20/20 or FFD/GFD displays and fits the same screw holes
- Cut-out dimensions 94 x 152 mm
- External overall dimensions 113 x 173 mm
- Mounting 4 x M4 self-tapping pan-head or bolts
- Weight 520gm

### Operational, Diagnostics & Configuration

- Self re-booting if corrupt data received
- Bluetooth module so can be paired with a laptop for field upload upgrades or custom versions
- Internal temperature and humidity measured and logged
- Humidity error code to allow for service before serious damage in case of water ingress

### Warranty and Support

- 3-year warranty, see details on A+T website
- 24/7 telephone support

A+T has no connection or affiliation with B&G/Navico.

\*Later B&G 20/20 HV displays have the same footprint as the 3020, but slightly smaller back-shell. In some cases, therefore a small amount of material of may be needed to fit a 3020 into the cut-out