

K-Bridge ECDIS Planning Station Standalone



KONGSBERG

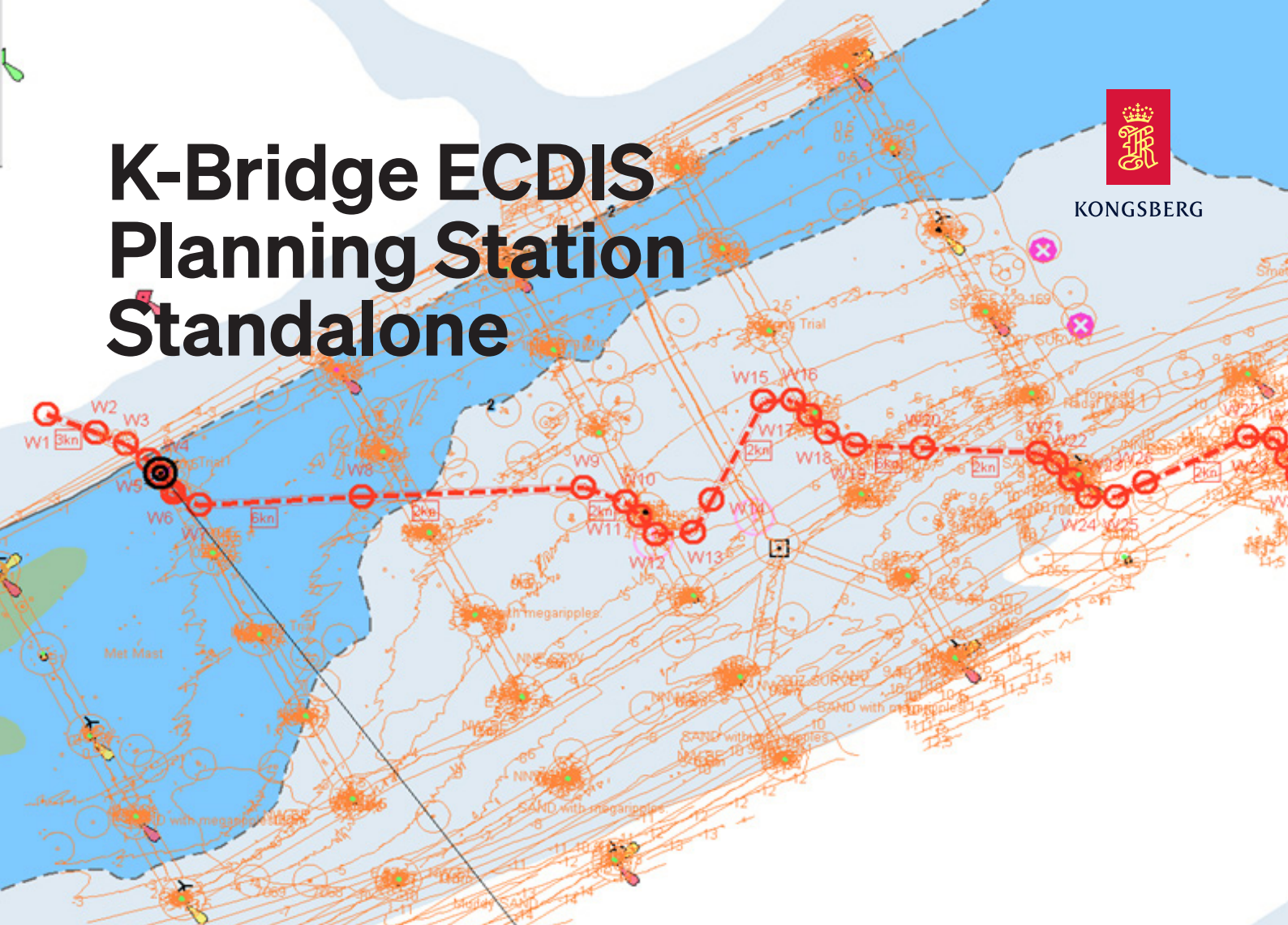


Chart maintenance and route planning

Planning station with ECDIS functionality on a Panel PC

K-Bridge ECDIS Planning Station Standalone is a “back-office” station designed for chart maintenance and route planning. It provides standard ECDIS functionality – including route planning and validation – but on a desktop Panel PC. Validation of the planned route is performed against the vector chart database. If the route crosses the safety contour or the border of a restricted access area, warnings are issued. Video from a selected radar display is presented as an overlay on the chart, and radar and / or AIS targets can also be displayed.

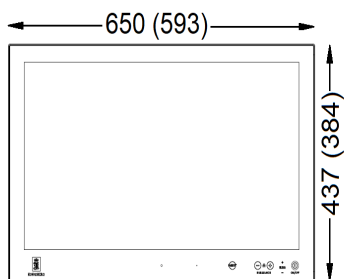
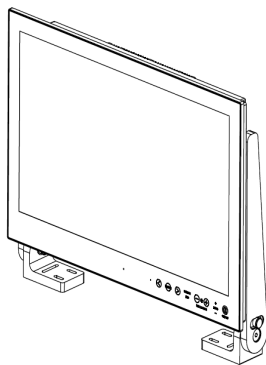
Automatic chart updates and other services are available via an optional ship-to-shore secure connection from Kongsberg Maritime.

A Wind Farm option allows routes to be planned for scheduled service and delivery stops at different turbines. The planned route takes account of weather and tide prediction data.

Note that, for customers who require full weather routing and passage planning capabilities, the Navtor NavStation is available from Kongsberg Maritime as an optional alternative to the K-Bridge ECDIS Planning Station Standalone.

Benefits

- Certified cyber-secure, according to the requirements of IEC 61162-460 (2024).
- Easy desktop installation.
- 27” (or 24”) panel PC.
- Optional radar / AIS targets
- Route planning and validation
- Automatic chart updates (via optional ship-to-shore secure connection).
- Routes exportable to other KM operator stations over the LAN (or to 3rd-party systems over serial connections).
- Site Map option allows non-ECDIS data (AutoCAD or GeoTIFF) to be displayed on the chart.
- Survey option allows survey routes to be planned and followed
- Wind Farm option allows routes to be planned through a wind farm.
- Meets class requirements for planning stations.



Technical data

Panel PC

Resolution:	1920 × 1080 (FHD)
Colours:	16.7 million colours
Viewing angle:	± 89/89/89/89 deg. typical (up/down/left/right)
Contrast ratio:	3000:1 (typical)
Weight:	Approx. 9.5 kg
Dimensions (27"):	650 × 437 × 74 mm
Dimensions (24"):	593 × 384 × 74 mm

Serial ports

9 serial ports available:	7 x input, 2 x input/output
3 of the input ports are for:	1 x DGNSS 1 x heading reference system 1 x speed log

Electrical

Input voltage:	230 VAC ± 10 %
Frequency:	50/60 Hz ± 5 %
Power consumption:	198 W (typical)