Anschütz eLog
The IMO-compliant Electronic Logbook

DNV CERTIFIED
FLAG STATE APPROVED

Content powered by Formularus

Compatible with all bridge equipment

NEW EDITION SERVICE
www.formularus-verlag.de

Technical
Data

Supply voltage & power consumption
- 24 V DC (18-34 V DC)
- Approx. 10 W

Data input
- AIS Transceiver (required) 61162-1 / 61162-2 (NMEA) telegrams: position, speed and course over ground, heading, navigational status, destination, ETA
- Ship network (optional) IEC 61162-450 additional own ship and environmental and navigation data.
- eLogbook Cloud (web based)

Data output
- VDR connection NMEA telegrams
- CAM connection Alerts according to IEC 62923-1/-2 bridge alert management
- eLogbook Cloud (web based) Access to view data and create exports

Storage capacity
- Main 32 GB (> 10 years with normal use)
- Backup 2 GB (> 2 years with normal use)

In accordance with
- IEC 60945: 2002 Maritime Navigation and Radiocommunication Equipment and Systems
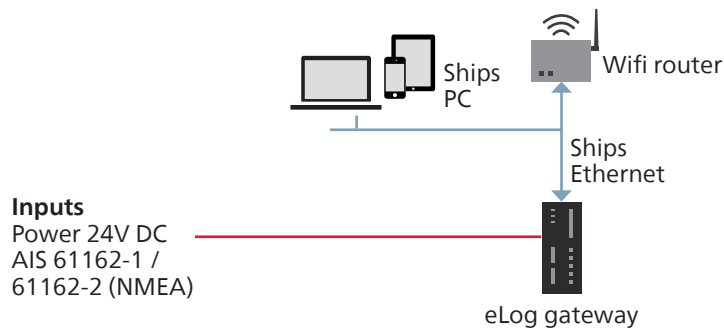- ISO 21745:2019 Electronic record books for ships
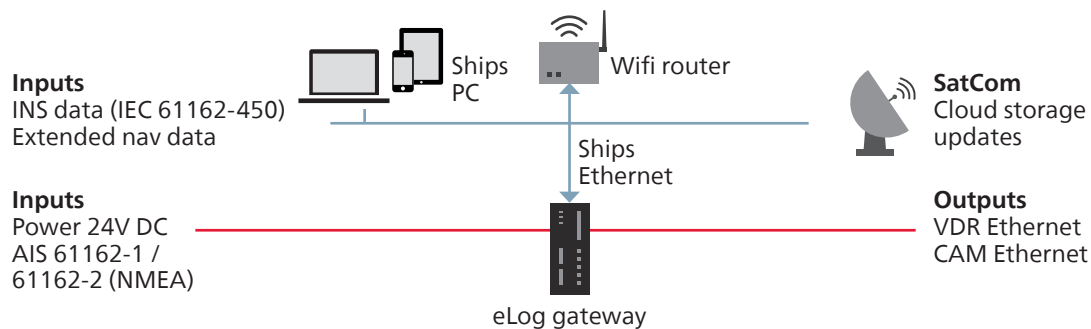
Type of enclosure acc. to IEC 60529
- IP20

Temperature range
- Operation: -40 °C … 65 °C
- Storage: -40 °C … 75 °C

Basic installation

Ships PC · Wifi router · Ships Ethernet

Inputs
Power 24V DC
AIS 61162-1 / 61162-2 (NMEA)

eLog gateway

Extended installation (depending on ship system)

Ships PC · Wifi router · Ships Ethernet

SatCom
Cloud storage updates

Inputs
INS data (IEC 61162-450)
Extended nav data

Inputs
Power 24V DC
AIS 61162-1 / 61162-2 (NMEA)

Outputs
VDR Ethernet
CAM Ethernet

eLog gateway

All Records

2020/11/06 - 2020/11/09

Search ...

		Nov 2020		Dec 2020
Today		Su Mo Tu We Th Fr Sa		Su Mo Tu We Th Fr Sa
Yesterday		25 26 27 28 29 30 31		29 30 1 2 3 4 5
This Week				
Last Week		1 2 3 4 5 6 7		6 7 8 9 10 11 12
This Month		8 9 10 11 12 13 14		13 14 15 16 17 18 19
Last Month		15 16 17 18 19 20 21		20 21 22 23 24 25 26
This Year		22 23 24 25 26 27 28		27 28 29 30 31 1 2
Last Year				
All dates		29 30 1 2 3 4 5		3 4 5 6 7 8 9

Time	Type		Author	Change	cm/master
Mon, 9th Nov					
17:04	Bouy no. 5 passed		An		
17:03	Lighthouse Falkenstein passed		An		
17:02	tug released		An		
~~17:01~~	~~pilot released~~		~~An~~	+1	
17:01	pilot released		An		
17:00	navigation	Position: 54°32.135' N / 10°13.498' E, speed over ground: 5, course over ground:142, speed through wa...	An	+1	
16:58	Receive special notice from Port Kiel	Receive special notice from Port Kiel:	An		
16:56	tug released	Tug Bugsier 15 released. Ropes from Tug were used	An		
16:54	bunkerbarge alongside	Commence bunkering of HFO, alongside	An		
16:54	pilot on board	Pilot Mr. Pilot on board.	An		
16:50	tug engaged	Tug Bugsier 15 engaged. Status: secured bow bow / side	An		
16:02	weather observation	Air Pressure 1024 hPa, Air 11°C, Sea 8.5°C, rel. humidity 68%, 4, Wind 99 8knts, Swell N 0.1m	An		
16:00	navigation	Position: 54°32.133' N / 10°13.489' E, speed over ground: 4, course over ground: 145, speed through wa...	An	+1	

All traditional logbook entries can be made and viewed. The user enters new logbook entries with consistently high quality, regardless of disruptive factors such as fatigue, stress or weather. Incorrect entries can be edited, the change is displayed in a traceable manner. Vessel particulars can be set or a new voyage can be added. Settings and information are available, for example a complete digital user manual. The scope and the configuration of eLog may vary from ship to ship.
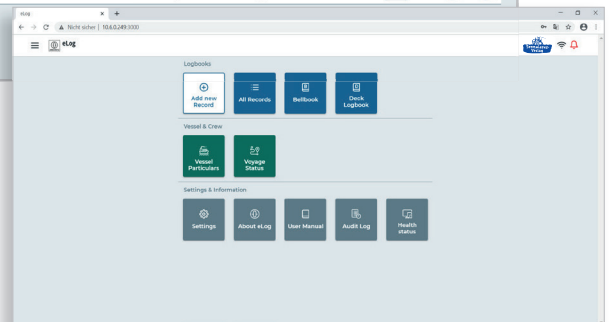
Main Features

High quality logbook data, high efficiency, paperless shipping.

- Includes deck logbook and bell book, noon report, IMO crew lists, as well as a cloud service with remote access, further logbooks are planned
- Automatic input of navigational sensor data at a defined time interval, e.g. every full hour
- Automatic plausibility checks of logbook data for higher data quality
- Unambiguous entries, presentation of data in a legible and searchable form

- Simple, time-saving search and filter function
- Linked records to visualize dependent logbook entries (e.g. pilots, tugs)
- Easy access to the history of the logbook data with day filter
- Creation of reports, printing and exporting data kept simple
- Sustainable digital information carrier of ship's operation documentation.

Learn more
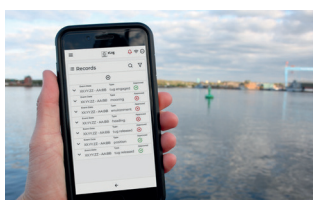
Digitized books with high data quality and global data access

Visit www.formularus-verlag.de, learn how our eLog will offer improved efficiency of logbook logistics and data usage aboard and ashore, and get a free demo.

Digitized books with high data quality and global data access

The Anschütz eLog is an electronic logbook consisting of a small gateway computer and a web browser application. eLog enables automated and digitized logbook entries that eliminate the cost and effort of paper logbook logistics while guaranteeing high data quality and global data access via a cloud.

Key
Benefits

Secure, global available data

eLog uses blockchain technology and a data interface to a cloud.

- Secure, tamperproof digital archiving of data
- Data access from anywhere in the world through a generic, modern web interface
- Enables shore side inspection of data or reuse of data for other applications

Trust in data quality

Reduces to eliminate the risk of improperly filled or incomplete logbooks.

- Automatic data inputs of navigational sensor data, additional supported data entries
- User-friendly templates for fast and reliably logbook records
- Plausibility checks of logbook data
- Reduces workload for crews

Extremely cost-effective

The starting point for more efficient processes onboard and for reports.

- Low initial cost for setup and installation (can be done by ship's electrician)
- Growing scope of logbooks marks a significant step toward paperless shipping
- No more costs and efforts for paper logbook logistic and handling