

NAVIGARD

World's No.1 BNWAS

NAVIGARD™ is the only BNWAS approved by ALL major classification societies: ABS, Bureau Veritas, China Class, Croatian Register, DNV, Germanischer Lloyd, Indian Register, Korean Register, Lloyd's Register, Polish Register of Shipping, RINA, Russian Register and USCG. If you have ships of different class in your fleet, you don't have to worry about your classification societies rejecting a BNWAS that is only approved by a single different society, and/or incurring additional certification costs that are generally more than the cost of the equipment itself.

- "All-in-One" Panel
- 3-Year Warranty - Built To Last On Your Ships
- Unique Fail Safe De-activation Protection
- Ex-Stock Availability
- Only System with Built-in Central Motion Detector with 10m range
- 57 Worldwide Service & Sales Partners
- Unique "Dual-tech" Motion Sensors To Prevent False Resets



Enviromed²
DETECTION SERVICES

**SERVING
EASTERN CANADA
FOR OVER
TWENTY YEARS!**

NAVIGARD

World's No.1 BNWAS Specifications

Operating Modes:	<ul style="list-style-type: none"> • ON, OFF, Automatic, Port Security & System Test.
System Controls:	<ul style="list-style-type: none"> • Membrane keypad for: Reset; Ocer Call; Emergency Call.
Navigation keys:	<ul style="list-style-type: none"> • Up, Down, Select & Back.
Reset Inputs:	<ul style="list-style-type: none"> • Up to 8No. passive infra-red PIR motion sensors; • Up to 6No. manual pushbuttons including visual indicators; • 1No. On Board directional PIR. • Up to 4No. digital inputs from auto pilot/gyro compass, radar/arpa, navigation equipment power fail, etc.
Reset Sensors:	<ul style="list-style-type: none"> • Illuminated directional PIR, 89H x 53W x 39D mm, weight 0.06kg - bulkhead; • Illuminated 360o PIR sensor 106Ø x 36D mm, weight 0.11kg - deckhead; • Illuminated push buttons, 94H x 94W x 81D mm, weight 0.30kg. • Bridge Wings IP68 reset, 150H x 150W x 100D mm, weight 1.5kg.
Tamper Protection:	<ul style="list-style-type: none"> • Anti-tamper circuit for PIR's, reset push buttons, alarms.
Dormant Periods:	<ul style="list-style-type: none"> • User selectable for each alarm stage in 1s increments.
Display:	<ul style="list-style-type: none"> • 2 lines, 16 character alphanumeric back-lit LCD.
LED Indicators:	<ul style="list-style-type: none"> • 4No. Green – “System Operating Modes”; Yellow – “System Power”. • Red – “Tamper Alarm”; Red – “Fault Alarm”. • 4No. Red – “Alarm Stage”, ashing for 15s, then continuous.
Internal Audible Alarm:	<ul style="list-style-type: none"> • 85dB @ 1m 1000 Hz with selectable tone.
Relay Outputs:	<ul style="list-style-type: none"> • 14No. SPCO NDE relays rated 1A @ 24V dc / 0.5A @ 110V ac.
Event Logging:	<ul style="list-style-type: none"> • To 2Gb SD card recording 2000 alarm events in real time (optional).
Serial Comm's:	<ul style="list-style-type: none"> • 1No.RS485 output to VDR via NMEA0183 (IEC 61162-1) • 1No. Auxiliary RS485 programmable channel.
Operating Voltage:	<ul style="list-style-type: none"> • 24V dc
Battery back-up:	<ul style="list-style-type: none"> • Sealed Nickel Metal Hydride batteries providing ~ 6 hours quiescent backup.
Panel options:	<ul style="list-style-type: none"> • Wall mount enclosure 250W x 280H x 130D mm, IP54. • Console/ush mount option.
Fixing Detail:	<ul style="list-style-type: none"> • 4No. M8 screws (supplied)
Weight:	<ul style="list-style-type: none"> • ~4kg.
Cable glands:	<ul style="list-style-type: none"> • M16 IP66 polyamide (supplied); cable “knock-outs” on enclosure.
Cable Type:	<ul style="list-style-type: none"> • 4-core 0.5mm² (screened) marine.