



DIGITAL TO NMEA INTERFACE

The INT-0058 Digital to NMEA Interface converts digital 'on/off' signals into NMEA data suitable for recording on a Voyage Data Recorder (VDR).

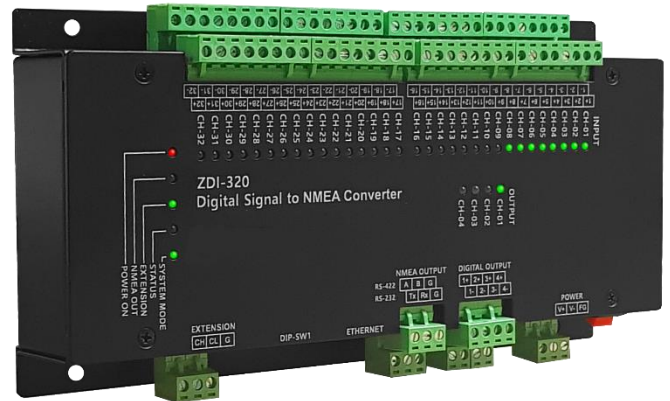
Typical inputs are watertight door status, fire alarm status, and navigation equipment alarms. Many of these systems will have an on/off or open/closed indication in the wheelhouse which can be converted to NMEA in the INT-0058.

With bridges needing to support an increasing number of indicators, and their associated wiring, the INT-0058 is ideal for both new-build and retrofit installations.

The interface outputs data simultaneously through NMEA 0183 and UDP (Ethernet) protocol and is easy to connect to various equipment such as ECDIS, VDR and RADAR.

Features

- LED Status indication on all inputs and outputs
- NMEA Pass through facility
- Supports IEC 61162-450 and CAN Bus mode (Optional).



SPECIFICATIONS**DIGITAL INPUT**

NUMBER OF CHANNELS: 32 Channels, Extensible to 256 Channels
VOLTAGE: DC 11~32V

DIGITAL OUTPUTS

NUMBER OF CHANNELS: 4 Channels, Extensible to 32 Channels
DRY CONTACT: AC 5A/250V, DC 5A/30V 3) NMEA In/Output
RS-422 1 Port, NMEA 0183 (IEC 61162-1) output port
RS-232 1 Port, NMEA 0183 input/output port, System Setting

NMEA IN / OUT / ETHERNET / CAN BUS

NMEA IN: 1 EA, NMEA 0183 Sentence Input for Digital Output
NMEA OUT: 1 EA, NMEA 0183 Sentence Output for Digital Input Data
ETHERNET: 1 EA, 10/100Mbps
1 UDP Port for Digital Input Data
1 TCP Port for Console, System Setting
CAN BUS: 1 EA, Using for Expansion Mode
D/I, D/O Data Transfer between Board and Board

DISPLAY

DIGITAL INPUT: Green LED 32 EA
DIGITAL OUTPUT: Yellow LED 4 EA
STATUS DISPLAY: LED 5 EA

POWER

VOLTAGE / CURRENT: DC 24V / 0.3A

PHYSICAL SPECIFICATIONS

DIMENSIONS/WEIGHT: 240 x 125 x 40mm, 630g

Remark

- 1) If you need any other specifications, please contact us.
- 2) This specification may be changed without notification.