

Product Datasheet

SKIPPER

IR31DIM-SA NMEA DIMMER UNIT

**Art. No.
IR31DIM-SA**

**NMEA
2 chan Dimmer**

**PULSE
Dimmer**

**Auto
Light detect**

**DDC or
proprietary message**

**For all Skipper
products**



A Programmable dimmer switch giving NMEA or pulse output to simply control dimming on a number of displays.

NMEA multiplexing feature allows the switch to be added in series.

IEC60945 Tested (TUV-SUD, UK)

SKIPPER Electronics manufacture marine electronics for the merchant fleet as well as the fishing fleet, based on experience, research and tradition. Our products are known worldwide for reliability, sophistication and good value for money.

Main Functions:

- ***Taking up to 2 NMEA lines and multiplexing onto it a DDC or Proprietary message each time a button is pushed***
- ***Auto mode with internal or external light sensor the unit can be made to send messages when the correct light conditions are reached (user adjustable)***
- ***Up and Down relays also allow older repeaters to be adjusted manually or automatically***

Applications:

- ***Typical useage in a zone of the bridge (overhead or in wing), but also can be used for individual equipment***

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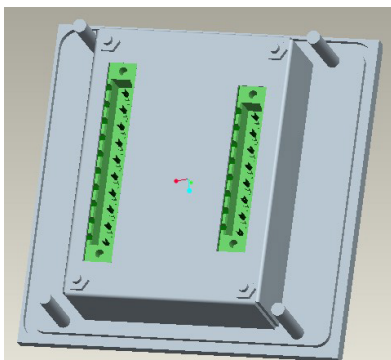
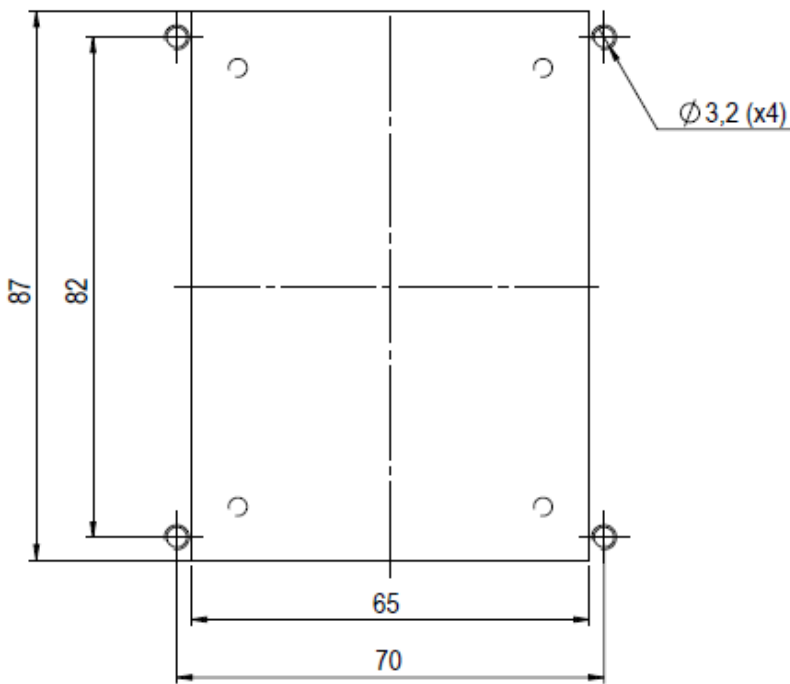
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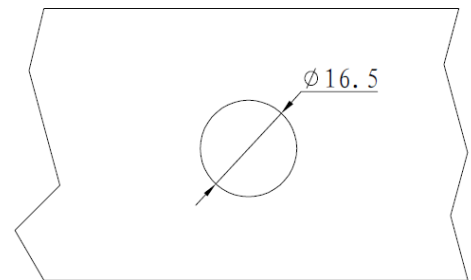
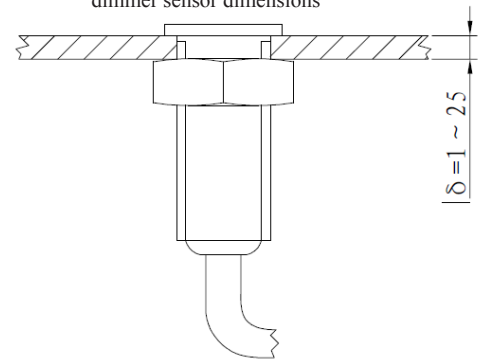
Specifications

	Part number	Description
Part number	IR31DIM-SA	NMEA Dimmer unit
To be used with	All Skipper products, All products accepting NMEA dimming messages	
Input Voltage	24 V DC (18-32V)	
Interface unit IP rating	IP 56 on front (IP22 otherwise)	
Approvals	IEC60945	
Inputs	2 x NMEA0183 (IEC 61162-1), 1 x external Light sensor	
Output	2 x NMEA0183 (IEC 61162-1) 1 x relay (up/down)	
Mounting format	96 mm format	
Weight	280 g	
Light sensor for automatic dimming	Internal light sensor in dimmer Included: Optional external light sensor in package (5m cable)	
Packaging dimensions / weight	33x30x8 / 2 kg	
Manufacturer	SKIPPER Electronics AS, Norway	

CUTOUT



Included optional external automatic dimmer sensor dimensions



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