ComAp

The heart of smart control

InteliVision 5.2 Marine

Order code: RD2IV5BXBAA

5" display for ComAp Marine controllers
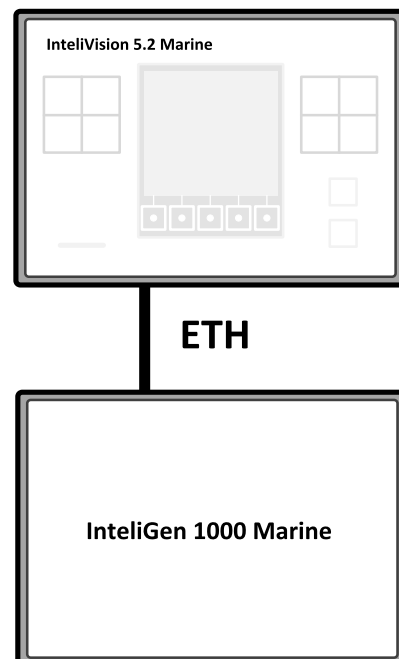
Datasheet

Product description

InteliVision 5.2 Marine is a marine-approved 5" remote color display for ComAp Marine controllers. It is designed as an easy-to-use Plug&Play display for monitoring and control of single power source or breaker in various Marine applications.
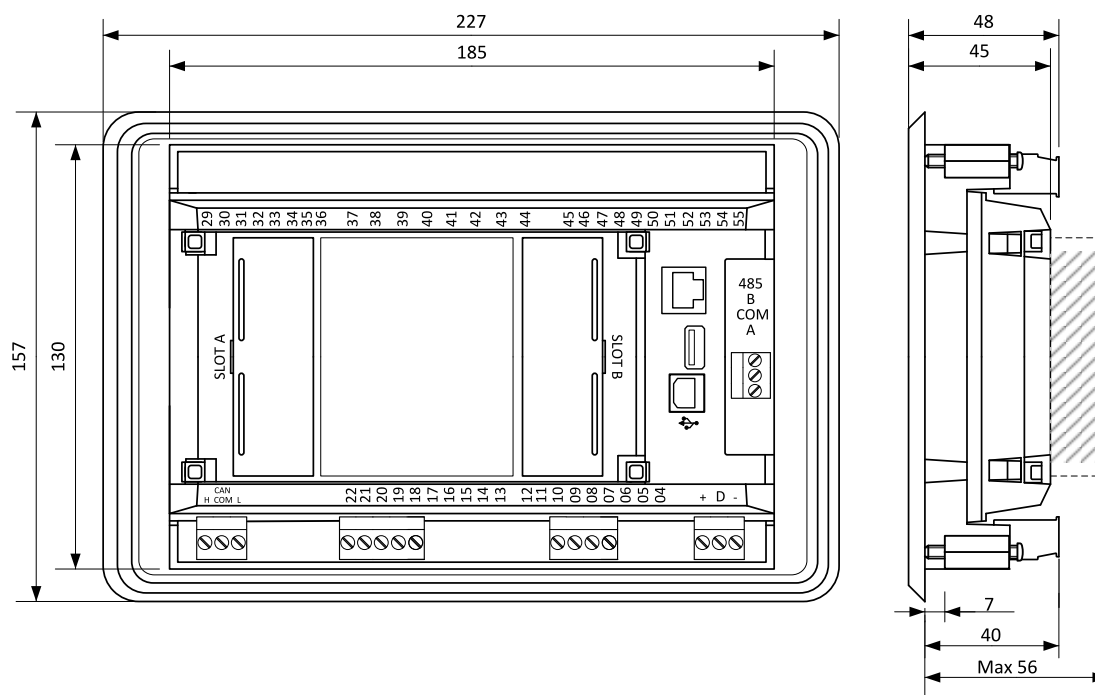
Key features

> 5" colour screen with resolution of 800 × 480 pixels

> Plug & Play operation

> Possibility of screens customization (Screen Editor)

> 5 configurable user buttons under the screen

> Modern look and graphical user interface

> Trends monitoring screen (up to 4 channels)

> Communication with controller via Ethernet

> Operating temperature: -30 °C to +70 °C
  (-40 °C to +70 °C if the device is powered on above -30 °C)

> Front protection compliant with IP65

> 1x Analog Input, 1x Binary Output

Application overview

Dimensions, terminals and mounting

Note: InteliVision 5.2 Marine can be mounted into the panel doors. Four holders are used for Display unit mounting.

The recommended cut-out dimension for the unit is 187 mm × 132 mm (7.362 in × 5.196 in), approximately 2 mm wider than the unit size on each side.

Technical data

Power supply

Power supply range	8-36 VDC
Power consumption (typical values)	6 W (Actual consumption depends on LCD backlight intensity and actual CPU consumption.)

Operating conditions

Operating temperature	-30 °C to +70 °C (-40 °C to +70 °C)*
Storage temperature	-30 °C to +80° C
Front panel protection	IP65
Humidity	95 % non-condensing (EN 60068-2-30)
Vibration	5-25 Hz, ± 1.6 mm 25-100 Hz, a = 4 g
Shocks	a = 500 m/s2
Surrounding air temperature rating 70 °C.	
Suitable for pollution degree 2.	

Note: *) Device must be powered on above -30 °C to operate at temperatures to -40 °C.*

Interfaces

Ethernet port	10/100 Mbit RJ45
RS-485	Not used
CAN	Not used
USB Device	Non-isolated type B connector
USB Host	Non-isolated type A connector

Analog inputs

Resistive input	R = 0-2400 Ω R: ±2 % from value ±5 Ω for 0-250 Ω R: ±4% from value for 250-2400 Ω (Dedicated for external LCD backlight control, 5-2400 Ω corresponds to 0-100% backlight)

Binary outputs

Specification	1x, Non-Isolated max. 0.5 A (Active when controller's Horn output is activated)

LCD specification

LCD panel	TFT 5"
Resolution	800 × 480 px

Mechanical

Housing	Plastic
Mounting	4 clips
Recommended cut-out	187 × 132 mm (7.362 × 5.196 in)

Related products

Product	Description	Order code
InteliGen 1000 Marine	Complex parallel gen-set controller for Marine applications.	IG31000MBBB
InteliMains 1010 Marine	Universal breaker controller for Marine applications.	IM31010MBBB

Certificates and standards

> EN 61000-6-2

> EN 61000-6-4

> EN 60068-2-1 (-20 °C/16h)

> EN 60068-2-2 (70 °C/16h)

> EN 60068-2-6 (2-25 Hz/±1.6mm; 25-100 Hz / 4.0 g)

> EN 60068-2-27 (a=500 /m^2; T=6 ms)

> EN 60068-2-30:2005 25/55°C, RH 95%, 48hours

> EN 60529 (front panel IP65, back side IP20)

> UL 6200

> Marine Type Approved

> UR E10

List of standards is available on: https://webstore.iec.ch/

CE cULus LISTED

UKCA

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

BUREAU VERITAS 1828 BUREAU VERITAS

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