

# InteliVision 8 Marine



Order code: IntelliVision 8 Marine

## 8" Colour display for ComAp controllers

# Datasheet

### Product description

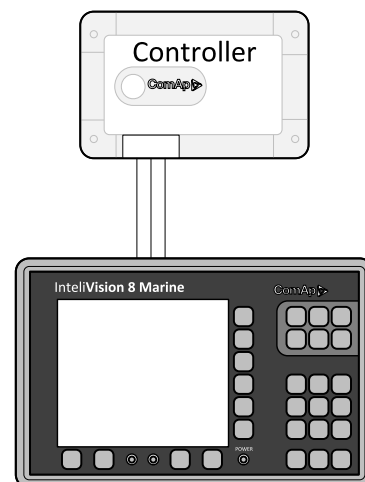
InteliVision 8 Marine, marine approved display unit for ComAp IntelliGen NT/InteliSys NT/InteliMains or InteliDrive family of controllers. It is designed as a simple, easy to use Plug and Play solution and delivers high visibility of all engine data, monitoring information and trend history in a bright, colorful design.

### Key features

- > 8" colour TFT display with resolution of 800 x 600 pixels
- > ComAp Plug & Play
- > Controlled by active buttons
- > TRENDS monitoring screen as a standard feature
- > Support of Tier 4 Final icons
- > Configurable soft keys buttons
- > Windows CE operating system
- > Same language support as IntelliGen NT / InteliSys NT and InteliDrive controller
- > Direct connection to the controller (converters are not needed)
- > Plug and Play operation (auto configuration based on controller application)
- > Designed to be mounted in both monitoring and engine room

- > This display gives complete access to all control and monitoring functions when connected to IntelliGen NT/InteliSys NT/InteliDrive controllers
- > Connection to a controller via RS232/485 and CAN bus
- > Operating temperature from -20 to + 70°C
- > Front panel sealed to IP65
- > EMC, climatic and mechanical tests
- > CE, UL, cUL certification

### Application overview



# Technical data

## Power supply

Power supply range	8-36 V DC
Power consumption (typical values)	1 A/8 V DC 0.35 A/24 V DC 0.25 A/36 V DC (Consumption depends on supply voltage)
Power Dissipation	9 W

## Operating conditions

Operating temperature	-20 to +70° C
Storage temperature	-30 to +80° C
Front panel protection	IP65
Humidity	95% without condensation IEC/EN 60068-2-30
Heat radiation	10 W

## Interfaces

RS232	Speed up to 57,6 kBd
RS485	Galvanic Isolation Speed up to 57,6 kBd
CAN	Galvanic Isolation Speed up to 250 kBd
USB port A (Host)	0,5 A max Overcurrent Protection Non-Isolated
USB port B (Device)	Galvanic Isolation (Dedicated for Firmware Upgrade)

## LCD specification

LCD panel	8"
Resolution	800 x 600 px
Pixel Pitch	0.2025 x 0.2025 mm
Luminance	350 cd/m2

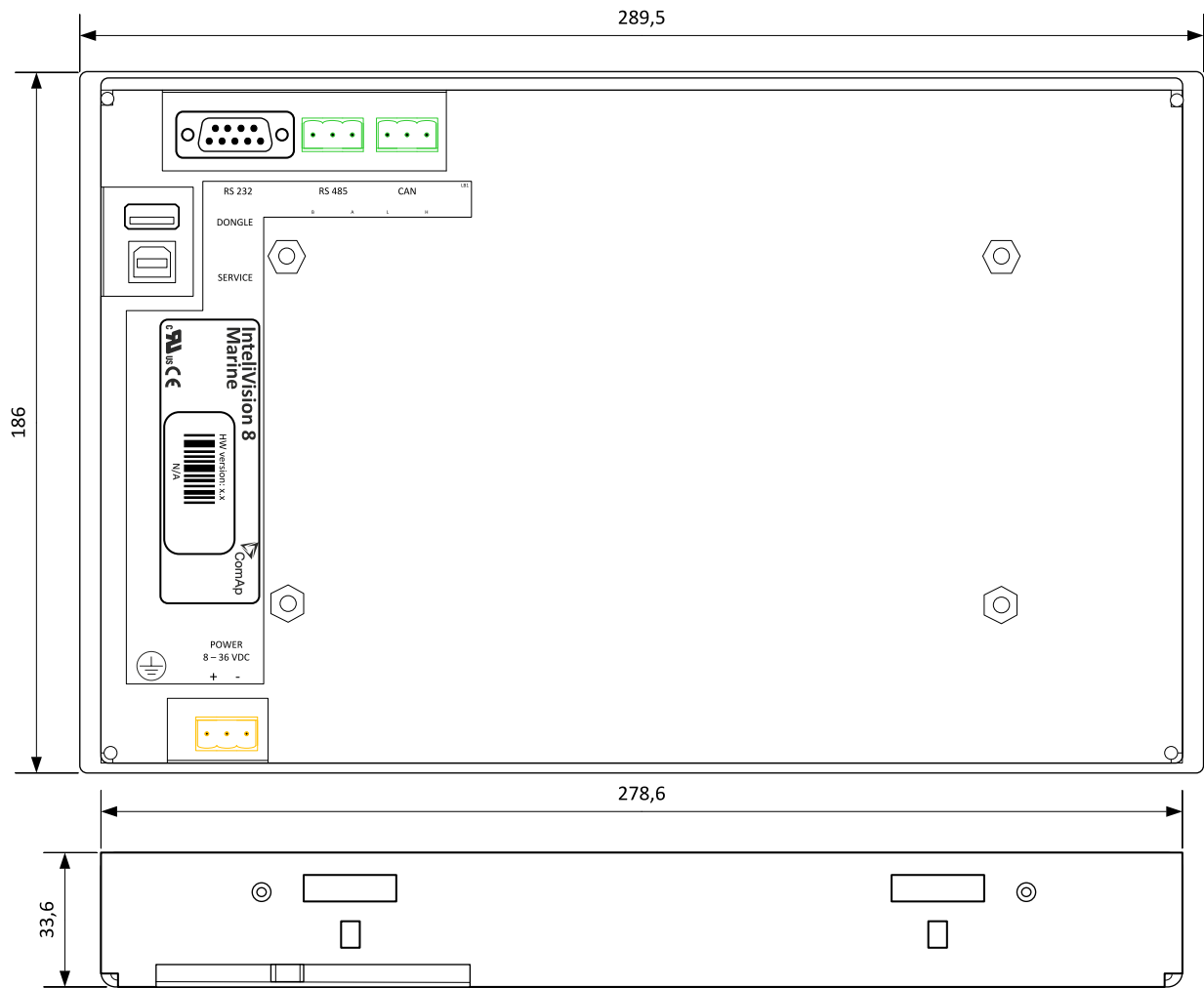
## Mechanical

Dimension	Front panel 289,5 x 186 mm Rear cover 278,60 x 175,6 x 33,60 mm
Cutout	282 x 178 mm
Weight	1600 g

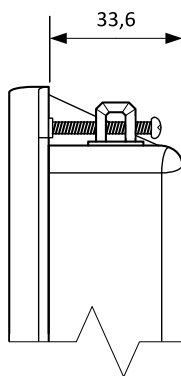
## Operating system

OS	Windows CE 6.0 operating system
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## Dimensions, terminals and mounting



### Panel door mounting





**Note:** IntelliVision 8 Marine, can be mounted into the panel doors. Integrated holders are used for Display unit mounting. The recommended cut-out dimension for the unit is 282 x 178 mm (11.10 x 7.00 in). Approximately 1mm wider than the unit size on each side. The panel thickness range is 2 - 13 mm (0.08 - 0.51 in).

## Related products

Product	Description	Order code
InteliSys <sup>NTC</sup> BaseBox	Premium parallel gen-set controller	<a href="#">IS-NTC-BB</a>
InteliGen <sup>NTC</sup> BaseBox	Complex parallel gen-set controller	<a href="#">IG-NTC-BB</a>
InteliGen <sup>NT</sup> BaseBox	Complex parallel gen-set controller	<a href="#">IG-NT-BB</a>
InteliMains <sup>NTC</sup> BaseBox	Mains supervision controller base unit	<a href="#">IM-NTC-BB</a>
InteliDrive DCU Marine	Engine controller for marine application (from HW version 2.0)	<a href="#">ID-DCU MARINE</a>

## Certificates and standards

<ul style="list-style-type: none"> <li>&gt; EN 61000-4-11</li> <li>&gt; EN 60068-2-1, Ab, Ad (-20 °C/16 h)</li> <li>&gt; EN 60068-2-30, Db</li> <li>&gt; EN 60068-2-2, Ab, Ad (70 °C/16 h)</li> <li>&gt; EN 60068-2-6 test Fc (5 Hz - 25 Hz/±1.6 mm; 25 Hz - 100 Hz/4 g)</li> <li>&gt; EN 60695-11-5:05</li> <li>&gt; Germanische Lloyd spec., VI-Part 7, §14 (Power supply terminals against box: Uef. 572 V; duration 1 min)</li> <li>&gt; Germanische Lloyd spec., VI-Part 7, §13</li> <li>&gt; EN 61000-4-2 (6 kV contact discharge; 8 kV air discharge)</li> <li>&gt; EN 61000-4-3</li> <li>&gt; EN 61000-4-4</li> <li>&gt; EN 61000-4-5</li> </ul>	 
<p>List of standards is available on: <a href="https://webstore.iec.ch/">https://webstore.iec.ch/</a></p>	



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