





Order code: InteliVision 8

8" Colour Display Unit

Datasheet

Product description

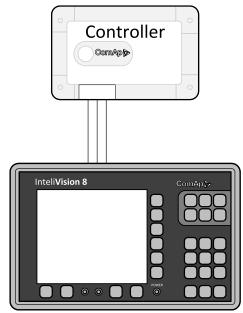
InteliVision 8, industrial operator panel equipped with 8" colour screen, is dedicated together with the main ComAp controller to visualise and control single genset in various applications.

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 InteliGen 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 InteliGen 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



InteliVision 8 Datasheet Related HW ver: 1.0.0 Related SW ver: 2.6.0 Date of issue: 11/9/2021



Technical data

Power supply

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

Operating conditions

Operating temperature	-20 to +70° C	
Storage temperature	-30 to +80° C	
Flash memory data retention time	10 years	
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	178 x 282 mm	
Weight	1600 g	

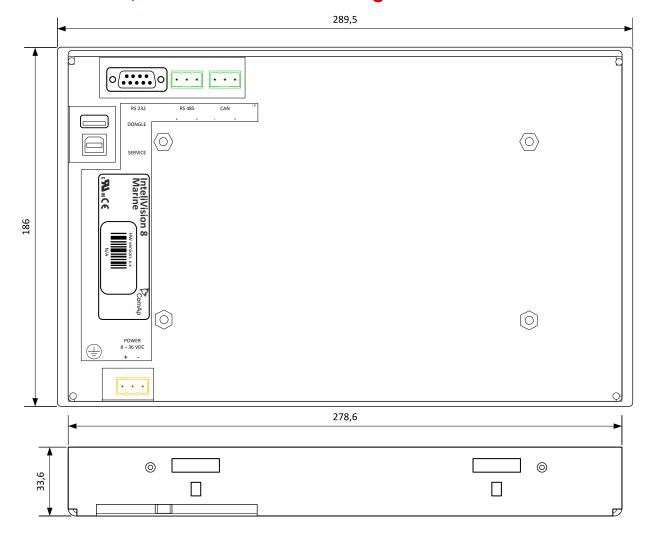
Operating system

os	Windows CE 6.0 operating system

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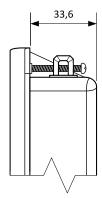


Dimensions, terminals and mounting



Note: Measurements are in millimeters

Panel door mounting



Note: InteliVision 8 can be mounted into the panel doors. Integrated holders are used for Display unit mounting.

The recommended cut-out dimension for the unit is $282 \times 178 \text{ mm}$ (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).

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Related products

Product	Description	Order code
InteliGen NTC BaseBox	Complex parallel gen-set controller	IG-NTC-BB
InteliGen NT BaseBox	Complex parallel gen-set controller	IG-NT-BB
InteliGen GSC	Complex Parallel Gen-set Controller	IG2GSCXXBAB
InteliGen GSC-C	Complex Parallel Gen-set Controller	IG2GSCCXBAB
InteliSys NTC BaseBox	Premium parallel gen-set controller	IS-NTC-BB
InteliSys GSC-C	Premium Gen-set Controller	IS2GSCCXBAB
InteliSys Gas	Controller for Gas Gen-set Application	IS2GASXXBAB
InteliSys NTC Hybrid	Hybrid gen-get controller	IS-NTC HYBRID
InteliMains NTC BaseBox	Mains supervision controller base unit	IM-NTC-BB
InteliDrive BaseBox	Controller for industrial gas applications	ID1COMBBBAB
InteliDrive DCU Marine	Engine controller for marine application (from HW version 2.0)	ID-DCU MARINE
InteliDrive DCU	Engine controller (from HW version 2.0)	ID-DCU
InteliDrive Mobile	Electronic Controller for Off-road Vehicles and Machinery	ID-MOBILE
InteliDrive Mobile Logger	Data Logger for Diesel Engine Driven Mobile and Industrial Applications	ID-MOBILE LOGGER

Certificates and standards

- CISPR 16-1, CISPR 16-2
- ► EN 61000-4-11
- ► EN 60068-2-1, Ab, Ad (-20 °C/16 h)
- ► EN 60068-2-30, Db
- ► EN 60068-2-2, Ab, Ad (70 °C/16 h)
- ► EN 60068-2-6 test Fc (5 Hz 25 Hz/±1.6 mm; 25 Hz 100 Hz/4 g)
- EN 60695-11-5:05
- Germanische Lloyd spec., VI-Part 7, §13
- Germanische Lloyd spec., VI-Part 7, §14 (Power supply terminals against box: Uef. 572 V; duration 1 min)
- Germanische Lloyd spec., VI-Part 7, §20
- ► EN 61000-4-2 (6 kV contact discharge; 8 kV air discharge)
- ► EN 61000-4-3
- ► EN 61000-4-4
- ► EN 61000-4-5
- ► EN 61000-4-6

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







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