

InteliVision 5.2



Order code: RD2IV5BxBAA

5" display for ComAp controllers

Datasheet

Product description

InteliVision 5.2 is an industrial 5" remote colour display for ComAp controllers. It is designed as an easy-to-use Plug&Play display for monitoring and control of single gen-set in various applications.

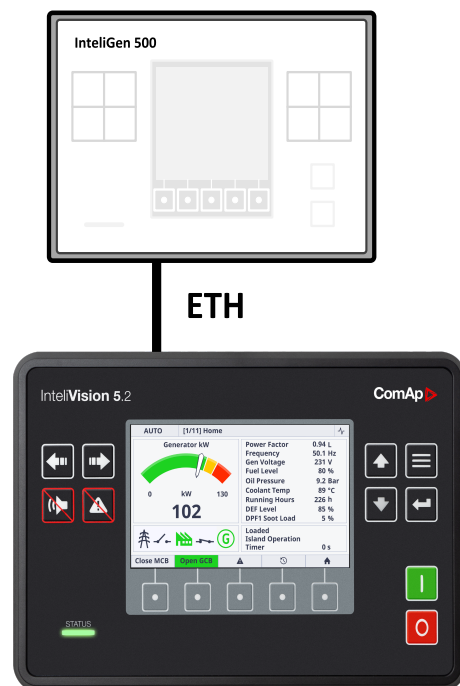
Key features

- ▶ 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

Related products

- ▶ InteliGen 500

Application overview



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/s ²
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)
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Binary outputs

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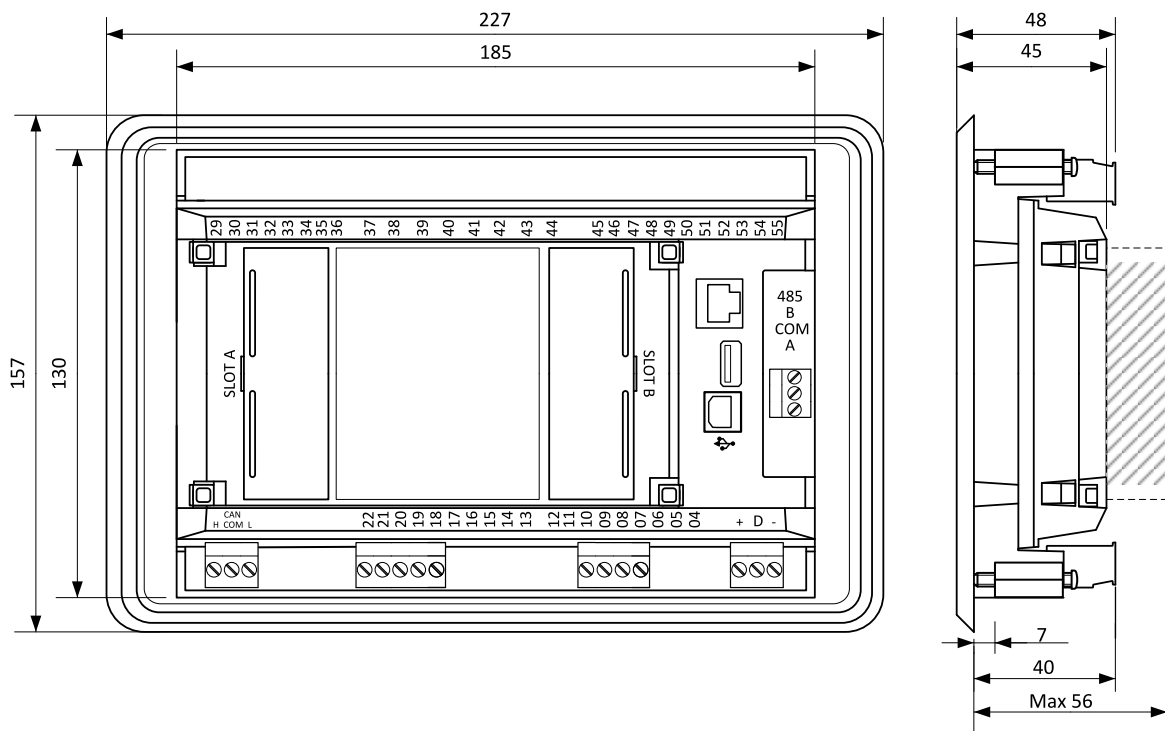
LCD specification

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)

Dimensions, terminals and mounting





Note: IntelVision 5.2 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.

Related products

Product	Description	Order code
IntelGen 500	ComAp's advanced paralleling gen-set controller with 5" colour display.	IG3500XXBAA

Certificates and standards

<ul style="list-style-type: none"> ▶ 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 /m²; T=6 ms) ▶ EN 60068-2-30:2005 25/55°C, RH 95%, 48hours ▶ EN 60529 (front panel IP65, back side IP20) ▶ UL 6200 	 
<p>List of standards is available on: https://webstore.iec.ch/</p>	

