ComAp
The heart of smart control

WBPS POWER YOU CAN TRUST

INTELIVISION 5.2

Datasheet

Order code: RD2IV5BXBAA

5" display for ComAp controllers

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.

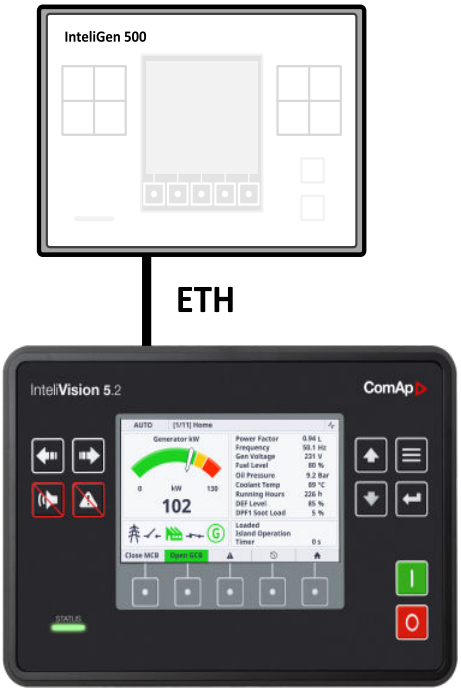
Key features

- 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/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)

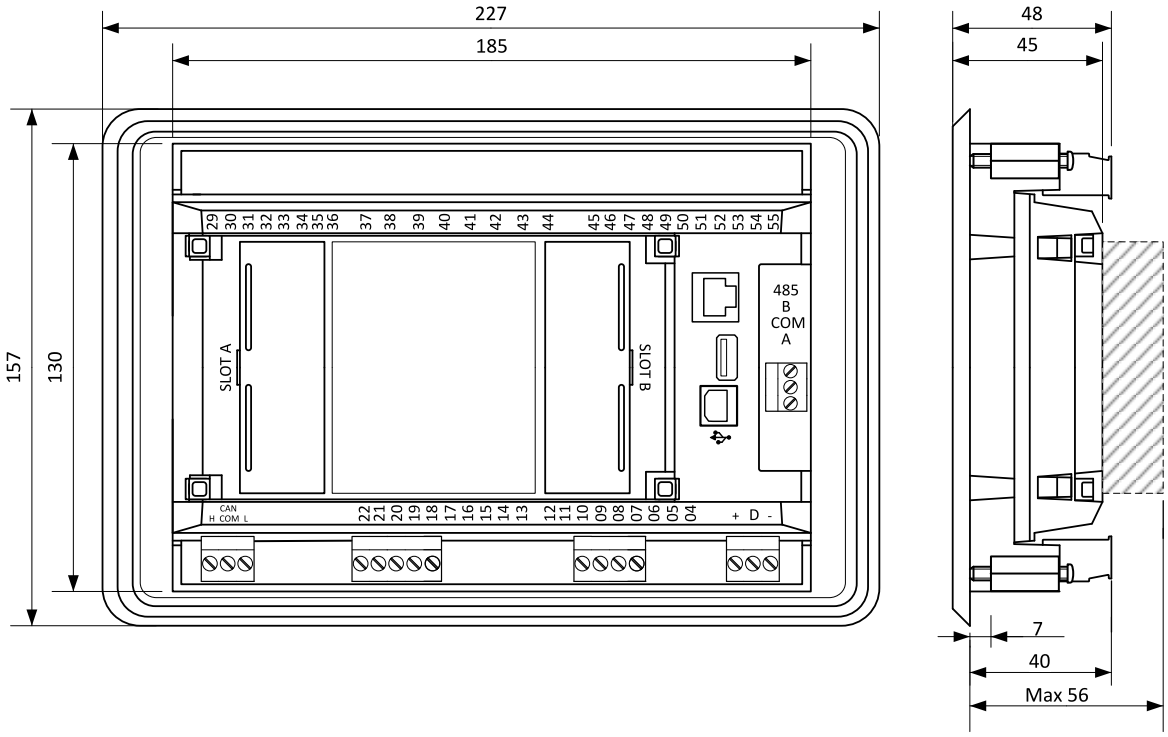
LCD specification

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)

Dimensions, terminals and mounting



Note: *InteliVision 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
InteliGen 500	ComAp's advanced paralleling gen-set controller with 5" colour display.	IG3500XXBAA

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**

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

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