InteliVision 8

CONTROLLER COLOUR DISPLAY UNIT

Description

InteliVision 8 is a colour display unit 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 and forward looking design. It can be used for either InteliGen^NT, InteliSys^NT, InteliMains^NT, InteliDrive DCU and InteliDrive Mobile.

InteliVision 8 comes with the large high-resolution colour TFT display, which helps visibility and definition of onscreen information. The control interface has user-friendly, intuitive active buttons – giving users access to more information in less time. InteliVision 8 boasts the unique TRENDS monitoring as a standard feature, helping you evaluate past events easily on one screen. It offers a site data storage using a USB stick and permits adding external pictures for customization of screens.

InteliVision 8 includes ComAp's standard communication interface using RS232/485 and CAN bus communication. Designed to be mounted in both monitoring and engine room, InteliVision 8 gives complete access to all control functions when connected to control unit.

Galvanically separated CAN and RS-485 interface

Screen editor

Tier 4

Trends

USB import & export

Front IP65

Plug and play interface

Large history

Insert images

Configurable buttons

ComAp is a member of AMPS (The Association of Manufacturers of Power generating Systems).

ComAp products meet the highest standards, with every stage of production undertaken in accordance with the ISO certification obtained in 1998.

The product has the UL Certification.

USB as data storage

InteliVision 8 makes working with your data even easier. You can export data to a USB flash drive, in order to work with data later at your computer with ease.

Data export capability:
▷ History
▷ Controller archive
▷ InteliVision firmware
▷ Trend – single export & continuous logging

The history and trend data is saved in a format that is supported by third party software. It is also possible to import trend data from a USB flash drive to InteliVision 8 and analyse them in the Trend screen.

USB as Login key

If quick, convenient access to InteliVision 8 is what you need, you can use a USB flash drive as a login key. When a user's password is saved onto a USB flash drive, simply plug it into InteliVision 8 and you are automatically logged in – no need to enter a password manually! A great idea for high security operations, as only staff with the correct USB flash drive are able to access the unit.

Configurable functional buttons

If you need quick access to frequently used functions on InteliVision 8, there are a number of user customisable buttons to which you can assign commands.

Offers fast access to frequently used functions:
▷ Binary signal activation
▷ Associate the buttons with generator or engine commands
▷ Fast jump to any measurement or Setpoints screen

Configuration of these buttons is easy in ScreenEditor, which is part of GenConfig software application.

## Import pictures and ScreenEditor

If you need to see a particular engine reading, a certain graph, or other frequently accessed information it is possible with ScreenEditor to customise InteliVision 8 to your preference. You can even add your company logo, or any other photo to further make InteliVision 8 unique to your application.

Screen examples
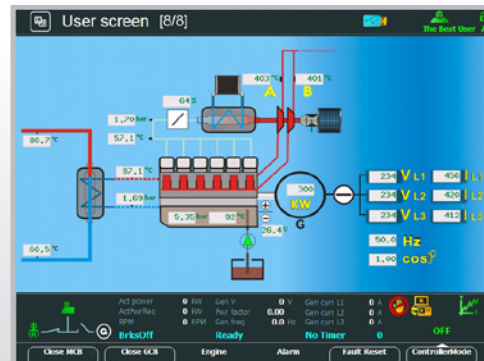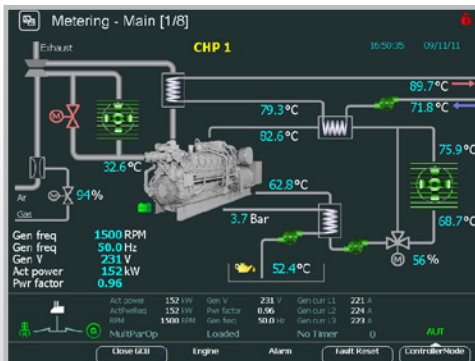
Trends improvement
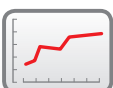
Working with trends is now much easier. We have added new features such as:

▷ Faster movement through Trends
▷ The ability to evaluate change in trends across several screen
▷ Indication of remaining time for saving of trends

A major new feature is the ability to display only data from the binary signal that the user wants to see. This is a big change from the previous method of having to see all data, and find the section you need.

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Benefits

- Large, colour screen with high-resolution
- PLUG and PLAY operation (auto configuration based on controller application)
- Simpler, faster and more intuitive control
- More information in less time
- TRENDS monitoring screen
- USB flash disk as file STORAGE (export trends, history and archive to USB flash disk)
- Quick AUTO login with USB stick
- User's PICTURES import to measurement screen
- Easy Drag & Drop screen CONFIGURATION by customer in new GRAPHICAL Editor
- CONFIGURABLE soft keys buttons
  - Fast jump to any Measurement or Setpoints screens
  - Binary signal activation – toggle button/pulse generator
  - Associating of genset commands
- ADAPTIVE and COLOR alarm list displaying
- Support of Tier 4 icons
- Direct connection to the controller (converters are not needed)

Features

- 8" colour TFT display with resolution 800×600 pixels
- Customized initial screen logo and the content of a controller help
- Same language support as InteliGen^{NT}, InteliSys^{NT}, InteliMains^{NT}, InteliDrive DCU and InteliDrive Mobile
- Allows full monitoring of ONE controller (in case of more controllers on CAN it is possible to switch over among controllers monitoring by change of CAN address)
- The same dimensions as IS-Display (possible as a replacement for IG-Display LT GC, IS-Display or I-RD-CAN)
- Connection via of RS232/485 and CAN bus
- Possibility to mount InteliGen^{NT} BaseBox, InteliGen^{NTC} BaseBox, InteliSys^{NTC} BaseBox or InteliSys^{NT} BaseBox to the rear side of InteliVision 8
- Windows CE operating system
- Operating temperature: –20 to + 70°C
- Face is sealed to IP65
- EMC, climatic and mechanical tests
- CE, UL certification

Connection Possibilities

The table shows the number of InteliVision 8 that can be connected to each port controller.

	RS232	RS485	Display port (RS485)	CAN2
InteliGen^{NT}	1	0	1	4
InteliGen^{NT} BaseBox	1	0	2	4
InteliGen^{NTC} BaseBox	1	1	2	4
InteliSys^{NT} BaseBox	1–2*	0*–1	3	4
InteliSys^{NTC} BaseBox	1	1	3	4
InteliMains^{NT}	1	0	1	4
InteliMains^{NT} BaseBox	1	1	2	4
InteliMains^{NTC} BaseBox	1	0	2	4
InteliDrive DCU Industrial	1	0	0	3
InteliDrive DCU Marine	1	0	0	4
InteliDrive Mobile	0	1	0	2

* Port is shared (can be set either as 485(2) or as RS232(2)

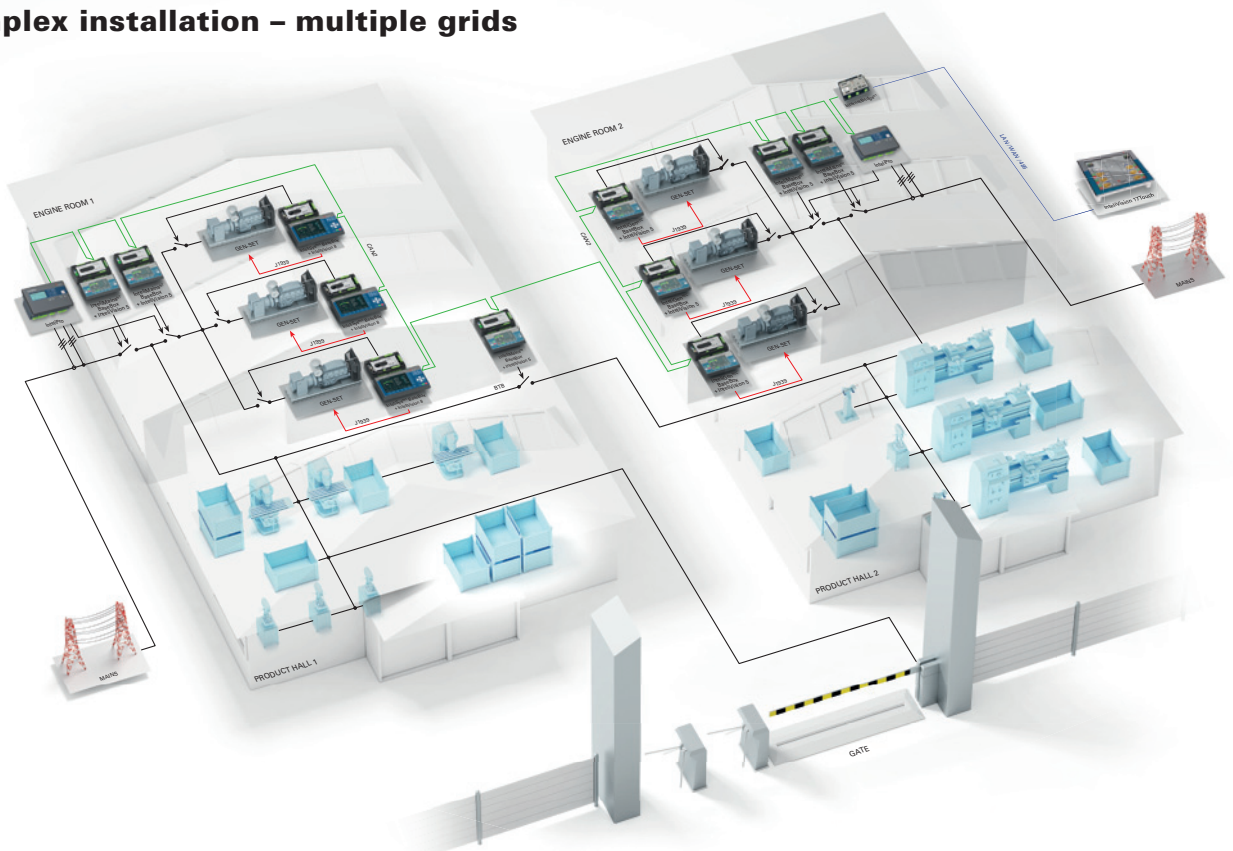# Order code

Controller	Order code
InteliVision 8	INTELIVISION 8

InteliVision 8

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Typical applications

Combined heat and power (CHP) - Efficient way of using fossil or renewable fuel
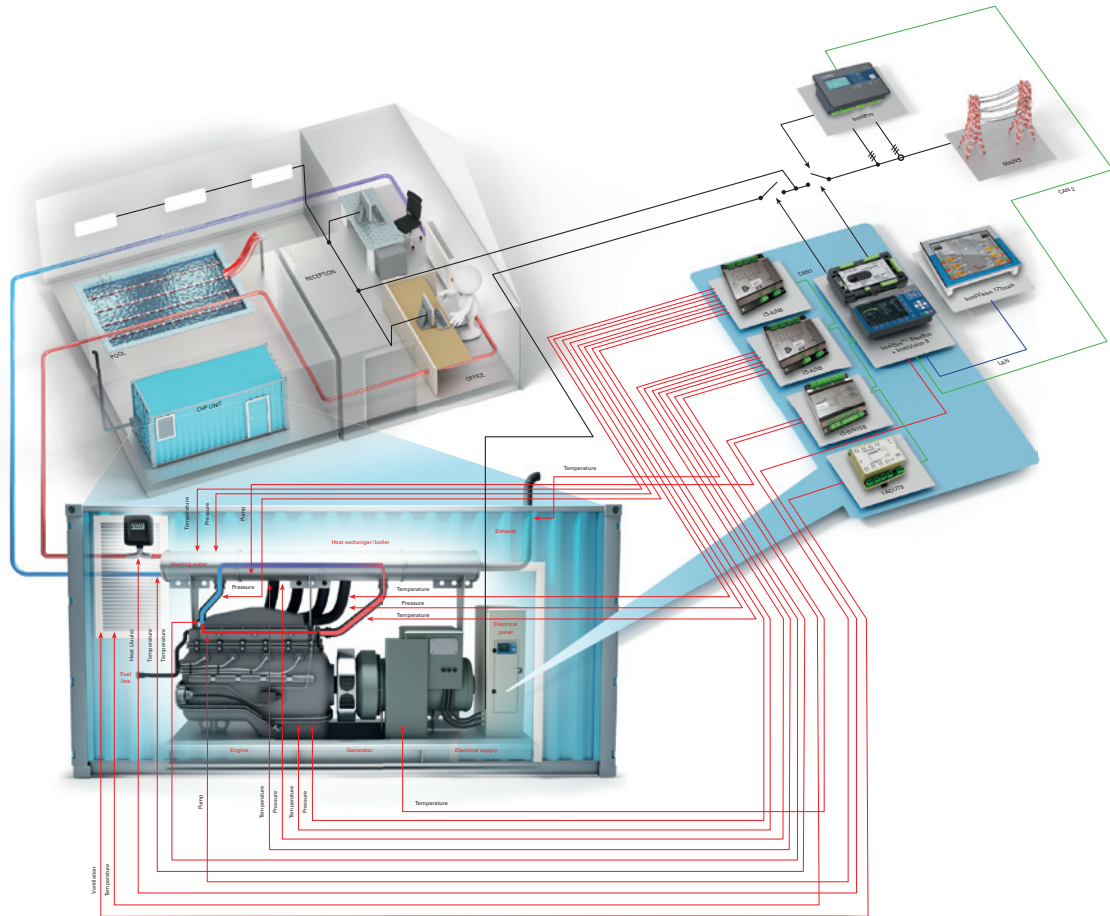
Complex installation – multiple grids

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InteliVision 8 Around the World

ComAp's InteliVision 8 is in use in many different locations throughout the world, and is used in many different types of applications. Here are a few examples of the varied uses of ComAp's InteliVision 8.

TEDOM, Czech Republic

TEDOM specialise in developing customer specific co-generation solutions across a number of own-branded packages such as their Cento and Quanto lines. Within each package TEDOM incorporate a control system called **Procon Sight*** which is a customised solution built to meet TEDOM´s particular product requirements using InteliVision 8 colour display and a unique own-label fascia design.

"To date, we have successfully installed over 400 co-generation units using the **Procon Sight** control system throughout Europe, Russia, China and Australia. A key aspect of our achievement has been the ability to customise the control solution enabling us to present a seamless and fully integrated brand across all our product lines."

Vlado Murar
Marketing Director
www.tedom.com

* Procon Sight is the TEDOM brand name for a control system and display combination based on ComAp InteliSys^{NT} and InteliVision 8.

MINIERA, Australia

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HIGHWALL DEWATERING AND FLUID TRANSFER SYSTEM

Miniera, a company based in Victoria, Australia, specialises in designing and manufacturing dewatering pumps for open-cut mines for markets in Australia and throughout the world.

On their latest dewatering pump, the HDS200, (which can pump up to 200 litres of water per second!) they chose to use ComAp's InteliVision 8 display to provide an easy to read, user friendly control interface. Used with a custom designed Minera skin, InteliVision 8 provides intuitive monitoring screens to enable access to more information in a shorter amount of time.

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References

F1, Singapore

GENPOWER Generators were commissioned by the 2012 F1 Singapore Grand Prix organisers to provide lighting solutions for the race, and armed with ComAp control systems they were the shining the spotlight on the world's top drivers through three nights of practice, qualifying and racing.
The race was illuminated by twenty-four individual 500 kVA GENPOWER generators, powering 1500 special lighting rigs. To control all this power GENPOWER's Managing Partner Bahadir Celim and his event experienced team carefully considered all available systems on the market and chose ComAp's InteliGen^NTC BaseBox and InteliVision 8 combination.

An event of this magnitude doesn't just need lighting. Beyond the track 12 further 50 kVA, InteliLite^NT AMF 25 controlled GENPOWER generators were used to supply monitoring system along the track while the 500 kVA generators were not running during the day-time.

NORTHERN CORONA, Norway

Gecon Power Boost System
The Oceanic Endeavour is owned by Volstad Maritime AS and is one of the most powerful and high-capacity seismic streamer vessels in the world. The vessel has recently installed two new propeller systems at Båt Bygg AS of Måløy. Each of the two propeller lines is driven by a Wärtsila Engine (4,5MW) and an electro motor (3,5MW) both connected to the propeller via a common gearbox.

For more information about our products and applications visit

www.comap.cz

Customer satisfaction is our mission. We continuously develop our people to be the best to succeed in our mission.