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IntelliVision

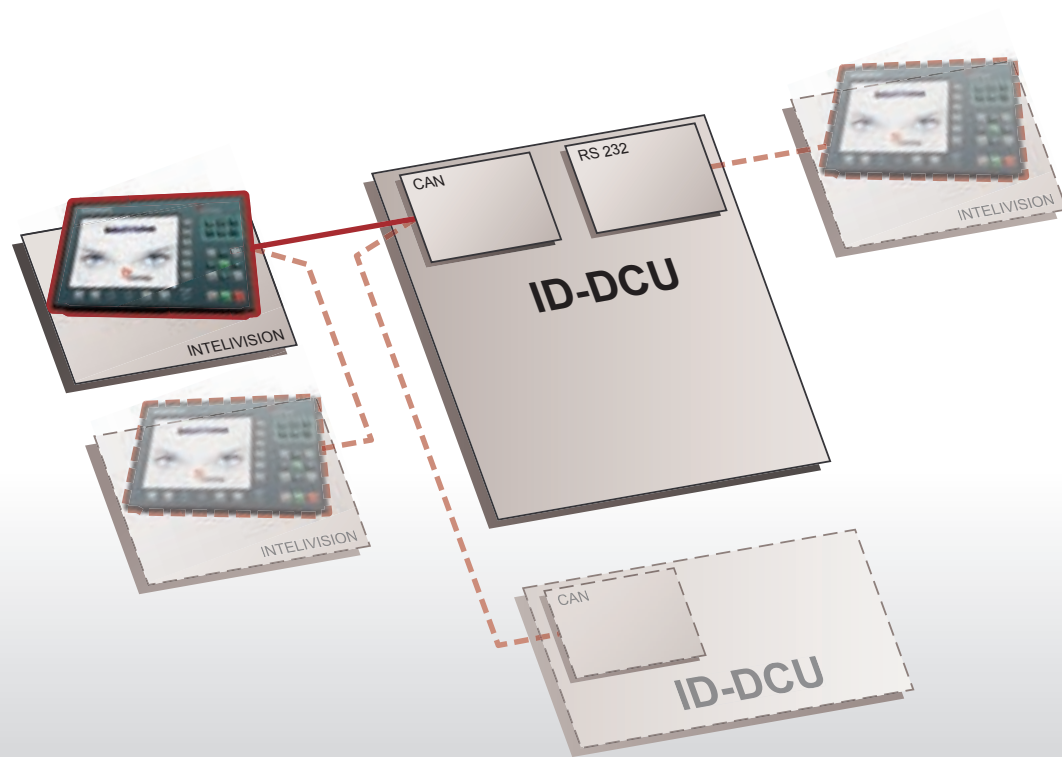


ComAp

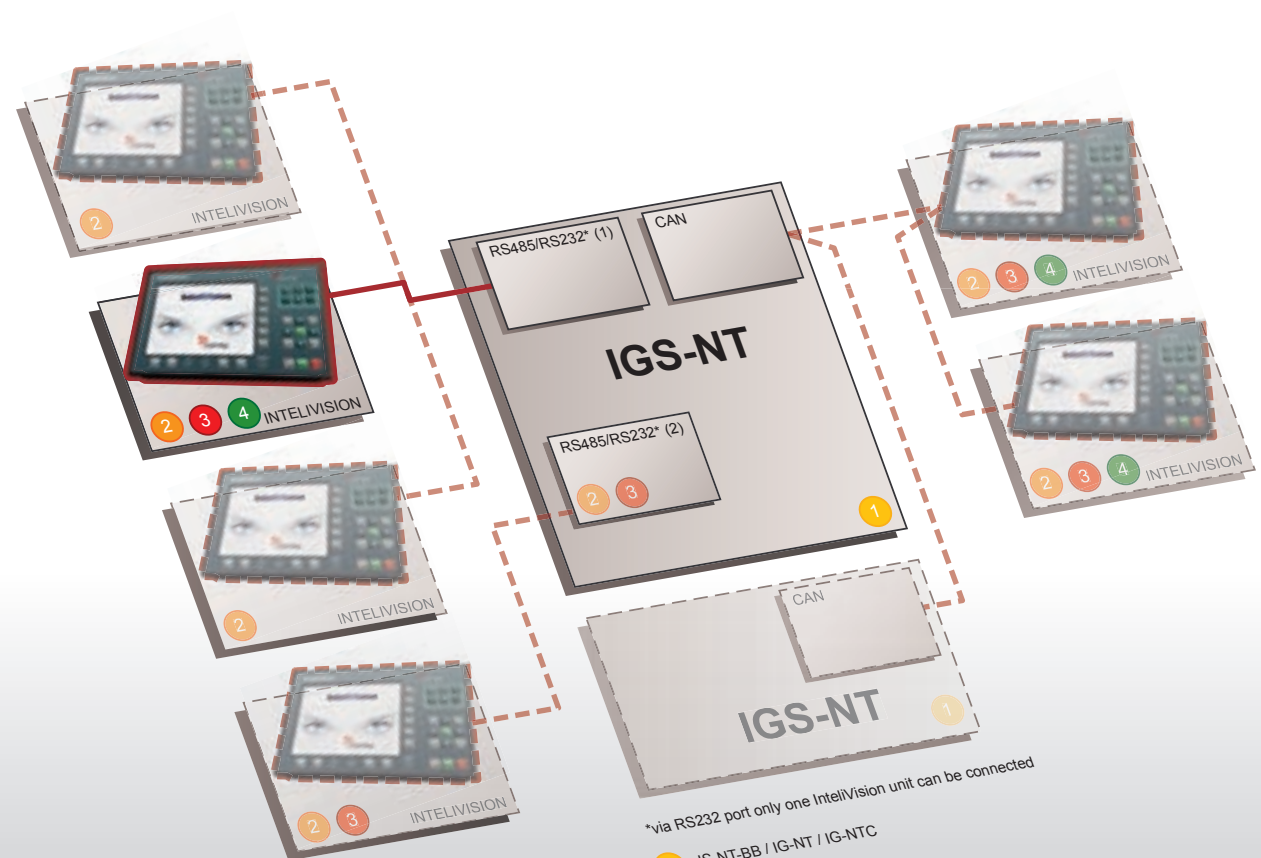
CREATIVE ENGINEERING

CONTROLLER DISPLAY UNIT





**IntelIVision with IntelliDrive controllers
(all possible connections)**



**IntelIVision with IGS-NT controllers
(all possible connections)**

*via RS232 port only one IntelIVision unit can be connected

- 1 IS-NT-BB / IG-NT / IG-NTC
- 2 IS-NT-BB
- 3 IG-NTC
- 4 IG-NT

IntelIVision

A view into the future...

IntelIVision is a new generation display unit for either IntelliGen^{NT} / IntelliSys^{NT} or IntelliDrive controllers. It is designed as a simple, easy to use Plug and Play solution and has been developed from our original IS-Display.

BENEFITS

- ▶ Large, high-resolution screen
- ▶ Colour TFT display
- ▶ TRENDS monitoring screen
- ▶ History columns' features and adjustment
- ▶ Simpler, faster and more comfortable control
- ▶ More information in less time
- ▶ Submenu navigation history
- ▶ New password management interface
- ▶ Same dimensions as IS-Display (IntelliSys^{NT})
- ▶ IS-NT-BB can be mounted to the rear side of IntelIVision
- ▶ Plug and Play operation (auto configuration based on controller application)
- ▶ Universal solution for both controller families – IGS-NT and ID
- ▶ Direct connection to the controller (converters are not needed)

The technicolour solution for engine monitoring.

The new IntelliVision screen features many significant improvements on the original IS-Display such as the large high-resolution colour TFT display, which helps visibility and definition for onscreen information. The control interface has also been updated with user-friendly intuitive active buttons – giving users access to more information in less time. IntelliVision also features our unique TRENDS monitoring as a standard feature, helping you evaluate past events easily on one screen.

FEATURES

- ▶ 8" colour TFT display with resolution of 800 × 600 pixels
- ▶ Controlled by active buttons
- ▶ Comes with new TRENDS monitoring screen
- ▶ Windows CE operating system
- ▶ Same language support as IntelliGen^{NT} / IntelliSys^{NT} and IntelliDrive
- ▶ Screen configuration by customer – export to XML format with subsequent manual screen modification and import back to the controller (as IS-Display)
- ▶ Intended for connection to ONE controller (IntelliGen^{NT} / IntelliSys^{NT} or IntelliDrive type)
- ▶ The same dimensions as IS-Display / IntelliSys^{NT} (including cut out dimensions)
- ▶ Can be used as a replacement for IG-Display, IS-Display or I-RD-CAN
- ▶ It is possible to mount IS-NT-BB to the rear side of IntelliVision
- ▶ Connection to a controller via RS232/485 and CAN bus
- ▶ Auto configuration based on controller application (as IS-Display)
- ▶ Designed to be mounted in both monitoring and engine room
- ▶ Operating temperature from -20 to +70°C (-4/158°F)
- ▶ CE, UL and ULC certification
- ▶ Sealed to IP65



INFORMATION SCREEN

Highly visible controller information screen displays promotional IntelliVision face.



ENGINE MEASUREMENT SCREEN

The IntelliVision default screen is set to show the main engine measurements such as engine speed and actual power

“In today’s market, customers demand sophisticated energy management solutions that meet their needs both now and in the future. The new IntelliVision controller screen fulfils this requirement by using the latest technology to give a high degree of interactivity and a new level of visibility and definition for all onscreen information.”

Aleš Procházka, Marketing Director, ComAp



TRENDS MONITORING SCREEN

TRENDS monitoring is the new standard feature that helps you to evaluate past events easily on one screen.



ALARM LIST SCREEN

The alarm list screen displays all relevant controller and ECU alarms clearly and simply.



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IntelliVision

Worldwide References

MEXICO

Generator room at Hotel Sandos, Quintana Roo



The first IntelliVision units operating in Mexico are installed in a prestigious hotel Sandos close to the famous Riviera Maya beach area.

"The staff on site were delighted how easy and quick it was to inspect the gen-set using the new large colourful screens on the IntelliVision unit, and the benefits provided by new features, especially trends reporting."

Agustin de Jesus Garcia Pastrana
Dupont Elektric Mexico
Technician

SWITZERLAND

Shunting loco at Holcim cement factory



The shunting locomotive re-power application uses an IntelIDrive Mobile for the complete control, monitoring and protection of the Volvo D16 engine which drive a Voith Hydro – Turbo gear-box for propulsion via a system of push-rods.

Full communication between engine, ID-Mobile and the two IntelliVision displays is achieved with J1939 CAN bus – making the system wiring and integration very simple. All values, warnings and fault codes from the engine (EMS) are displayed on the two large IntelliVision displays, located on both sides of the locomotive cabin.



CANADA

Paralleling system for Oil sand camp

"When I first saw IntelliVision at PowerGen, I immediately recognised its potential for our power generation systems. The large easy to read color display and customer-friendly interactivity is precisely what our customers have been looking for. We have already installed systems with IntelliVision and received very positive feedback from our customers on the units performance."



Santokh Sahota P.Eng
Simson Maxwell
Engineering Manager

USA

Compressor applications

"With the introduction of the IntelliVision and our usage of ComAp hardware we now have a whole new market to pursue through the introduction of our own brand of compressor control panel. The ComAp hardware allows us to be fully Modbus capable and it integrates well with the engine manufactures controls."



Dale Shows
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simulator
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