

InteliDrive Lite EM

ELECTRIC MOTOR CONTROLLER



WebSupervisor
The WebSupervisor system, a secure web based remote monitoring system which allows equipment fitted with various types ComAp units to be monitored via the internet from a remote PC or other web enabled device such as smartphone, webbook, etc. It operates in any internet browser and needs no special software to be installed. User can view recorded data from their equipment, receive Email alerts on alarms and control the remote units. Dedicated App's for iPhone and Android provide a truly mobile constant connection with the monitored equipment.



LOCATE
ComAp's LOCATE system uses the power of cellular communications technology to provide users and peace of mind that the monitored asset is where it should be. Locate provides location data to the WebSupervisor system without the need for costly GPS positioning equipment and works anywhere there is a cellphone signal, even indoors. Not only will WebSupervisor show the position of the monitored equipment, it will also maintain a track history and show route of the movement on a map. LOCATE – Simply Here!



AirGate
Modern communications made simple. ComAp's powerful AirGate technology is provided in a range of our controllers and makes remote internet connection to the ComAp controller easy. Just register the AirGate enabled controller on our website and from then on let ComAp's unique system locate and maintain contact with the controller, no need to worry about VPN's, Static IP addresses or corporate firewalls, simple! "AirGate – Simply connected."



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.

Description

The InteliDrive Lite EM is an integrated control solution for Single or Three phase AC electric motors. It allows operation of the motor either manually, remotely or automatically. The InteliDrive Lite EM controller has many motor protections as standard including both overload and overcurrent protection. Many different applications which are driven by an electric motor, can be controlled and protected by the InteliDrive Lite EM. The optional remote control allows complete monitoring of the application.

Like all ComAp products, ease of use is an important design philosophy, so InteliDrive Lite EM features a powerful graphic display providing user-friendly information in an easy to understand format. Instrumentation of internal values on analog gauges makes it simple to use, even for untrained personnel. Remote control and monitoring is possible via analog/GSM/GPRS modem or Internet. The InteliDrive Lite EM controller is provided with LiteEdit PC software, which enables the user to freely configure the inputs and outputs to suit each individual application's requirements.

The controller also features a built-in event and performance log with a Real time clock which makes troubleshooting even simpler and helps safeguard suppliers' warranty.

Benefits

- ▶ GPRS Internet or SMS monitoring. The remote monitoring helps reduce any call-out costs of service engineers
- ▶ GPRS Internet or SMS control, ComAp's wireless remote control accesses the new functions of the motor
- ▶ ComAp SCADA system (Line Diagram Editor) compatible
- ▶ Active SMS or E-mails in the event of an alarm
- ▶ Detailed History Log allows for easy troubleshooting and warranty claim handling
- ▶ ON/OFF regulation of process value, based on binary or analog signal
- ▶ Less engineering and programming is needed for a wide range of applications
- ▶ The integrated solution needs less wiring and components

Features

- ▶ Electric Motor control, monitoring and protection
- ▶ All common ways to start asynchronous motor: Direct, Y-D, SoftStarter starting, Optimized Y-D starting
- ▶ Setpoints adjustable via controller buttons or PC
- ▶ 3 levels of password protection
- ▶ USB, RS485 or RS232, GSM/GPRS
- ▶ Real time clock and event history log
- ▶ Automatic or manual start/stop of the motor
- ▶ Multiple control for up to 6 motors by one controller
- ▶ Backup function: when the motor fails, the controller starts the standby motor
- ▶ Simple PLC structure
- ▶ Push buttons for simple control and lamp test
- ▶ Graphic back-lit LCD display 128×64 pixels
- ▶ 7 configurable binary inputs and outputs
- ▶ 3 configurable analog inputs
- ▶ 2 LED indicators
- ▶ Front panel sealed to IP65
- ▶ Power supply 8–36 VDC
- ▶ Operating temperature
 - –20°C to +70°C regular unit
 - –40°C to +70°C low temperature unit
- ▶ 3 phase voltage and overcurrent protections
- ▶ Multiple protections for motor and driven machines
- ▶ A choice of protective options including alarm or shutdown
- ▶ True RMS current and voltage measurement
- ▶ SW for oscilloscopic recording of values

Communication modules and PC tools

- ▶ **IB-Lite** – Internet/ethernet plug-in module including WebServer
- ▶ **IL-NT RS232** – RS232 extension board
- ▶ **IL-NT RS232-485** – Dual port extension board
- ▶ **IL-NT S-USB** – Service USB module
- ▶ **IL-NT GPRS** – Cellular modem/wireless internet module
- ▶ **LiteEdit** – PC configuration and monitoring tool
- ▶ **WinScope** – Special graphical controller's monitoring software (PC oscilloscope)
- ▶ **WebSupervisor** – Cloud-based system for monitoring and controlling of ComAp controllers

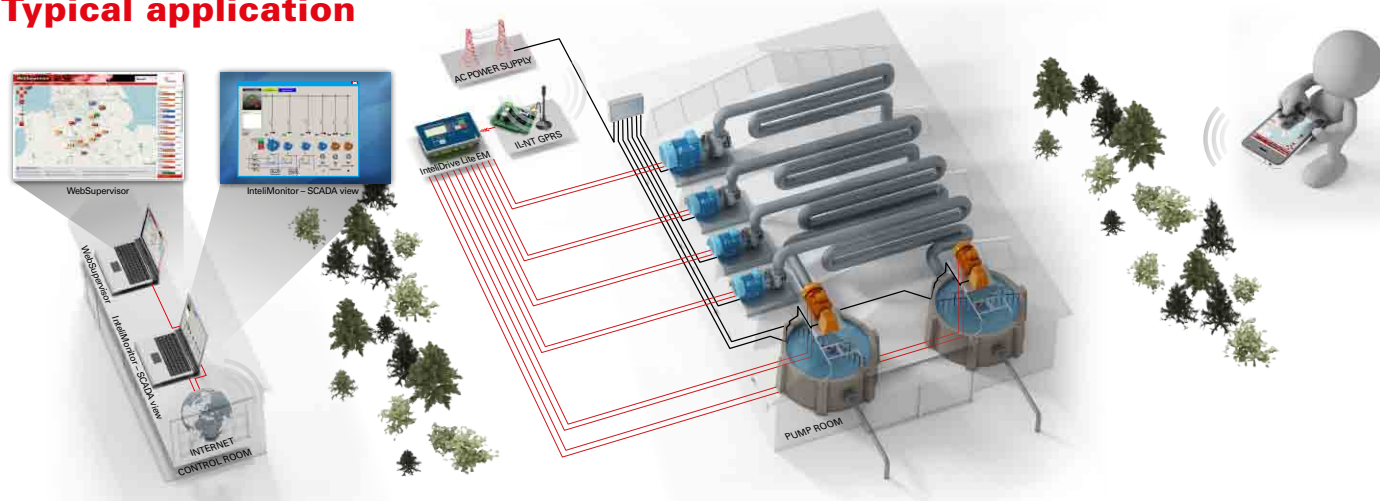
Extension modules and remote display

- ▶ **IL-NT AIO** – Analog input/output module (4×AI and 1×AO)
- ▶ **IL-NT AOUT8** – Analog outputs for PWM gauges module (8×AO)
- ▶ **IL-NT BIO8** – Binary input/output module (8×BI or BO)
- ▶ **IL-NT IO1** – Binary input/analog output module (4×AO and 4×BI)
- ▶ **IGL-RA15** – Remote annunciator (15 LEDs)
- ▶ **IL-NT RD (SW)** – Remote display software for the master controller

Order code

Product	Order code
InteliDrive Lite EM	INTELIDRIVE EM

Typical application

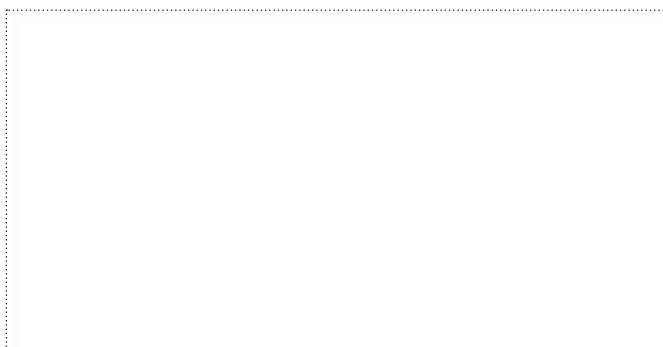


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