



ionCOM™ and ionSMART™ | Intelligent Controls



ionCOM™ and ionSMART™ explained

Ceravision is committed to delivering a complete lighting solution from the lamp and luminaires through to controls.

“Power is nothing without control”
John Morris

Never has a quote been so appropriate when talking about lighting, we have fully adopted this principle at Ceravision. We strongly believe that an efficient lighting system such as ionCORE™ should always be matched to an appropriate system of lighting controls.

Lighting controls are even more important as a consequence of new and more efficient light fixtures as well as the introduction of regulations aimed to reduce electricity consumption. Lights should be dimmed when spaces are unoccupied for short lengths of time and they should be switched off during longer periods of inactivity. Future legislation will build on these principles and the trend is certain to increase the use of lighting controls.

Ceravision's ionCOM™ / ionSMART™ lighting control system provides a wireless control network that allows users to freely configure their ionCORE™ lighting system, delivering excellent savings in energy whilst ensuring the lighting is operated correctly and providing optimum lighting levels.

Based on wireless networking, no additional cabling is required and each luminaire can be installed pre-programmed and ready to deliver maximum efficiency.

At the heart of the control system is ionCOM™ control software. Its friendly graphical user interface gives a pictorial overview of the area to be lit, showing an indication of light levels and the status of individual luminaires. The ionSMART™ wireless network allows for messages to be exchanged with each luminaire.

The ionCOM™ control philosophy provides a totally flexible controls solution that is quick to install and set up and which future proofs the lighting scheme.

ionSMART™ enabled Passive Infra Red (PIR) detectors and light level sensors can be incorporated in to the system and can be configured to control multiple groups. Full diagnostic reports are generated by ionCOM™ with multiple data outputs including lamp life and energy consumption figures to provide the user with important management information.





ionCOM™ Key Features

ionCOM™ delivers to organisations that demand. Where fully automated lighting systems are required, or systems where alterations to lighting configurations are frequent, ionCOM™ in tandem with ionSMART™ devices, accommodates with ease. Being informative, adaptable and intuitive are core attributes that ionCOM™ is built on.

Designed with 2 main views, Map View to allow users to view entire lighting system status at a glance, and Dashboard View for live in depth system information, usage trends and usage comparisons.

ionCOM™ Options

ionCOM™ is available in multiple packages to suit the varying needs of different ionCORE™ applications. Upgrade at any time to unleash the full power of ionCOM™. A full price list is available on request.

Bronze

Entry level ionCOM™ package

- Telephone support for the first 30 days.
- Email Support, 48 hour response.
- 1 Year application updates
- Local 31 days usage history

Silver

All of the bronze package plus:-

- Telephone support
- Email Support, 24 hour response.
- Remote Hands
- Centralised monitoring and controls
- Centralised 31 days usage history & reports

Various levels of password protected user access are offered, from guest users who can view lighting conditions and events, through to advanced users who have full control to redesign lighting system layouts, interrogate luminaire life and much more.

ionCOM™ ensures lighting conditions are optimised while reducing energy costs by monitoring and comparing energy usage trends and energy costs. Just two features to assist in meeting your organisations carbon footprint reduction goals.

Gold

All of the silver package plus:-

- Centralised 1 year usage history & reports
- Annual usage analysis and recommendations.

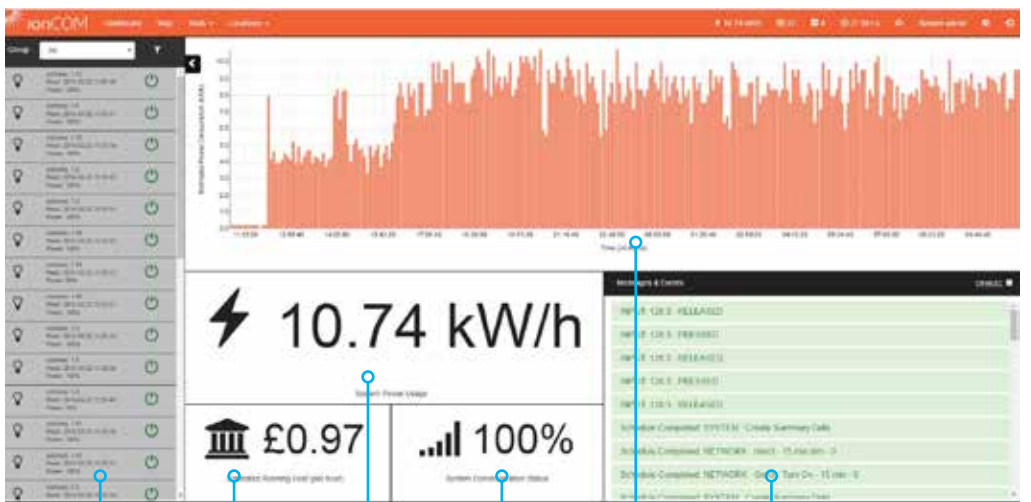
Platinum

All of the gold package plus:-

- Priority Support
- Design Manager
- Centralised 5 year usage history & reports.
- Quarterly usage analysis and recommendations.

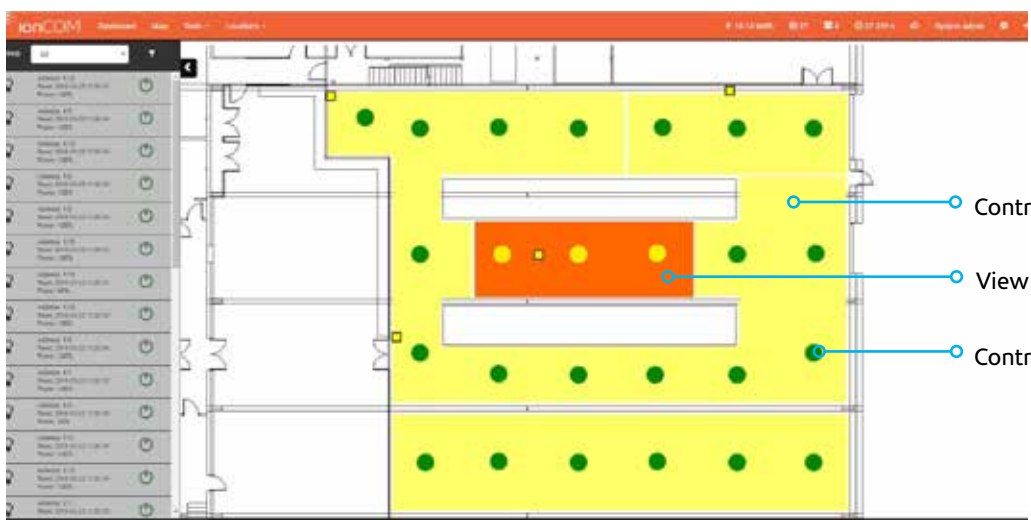


ionCOM™ Dashboard View



- Luminaire status list
- Energy cost (per hour)
- Live energy consumption
- Communication status
- Energy usage trends
- Live event notifications

ionCOM™ Map View



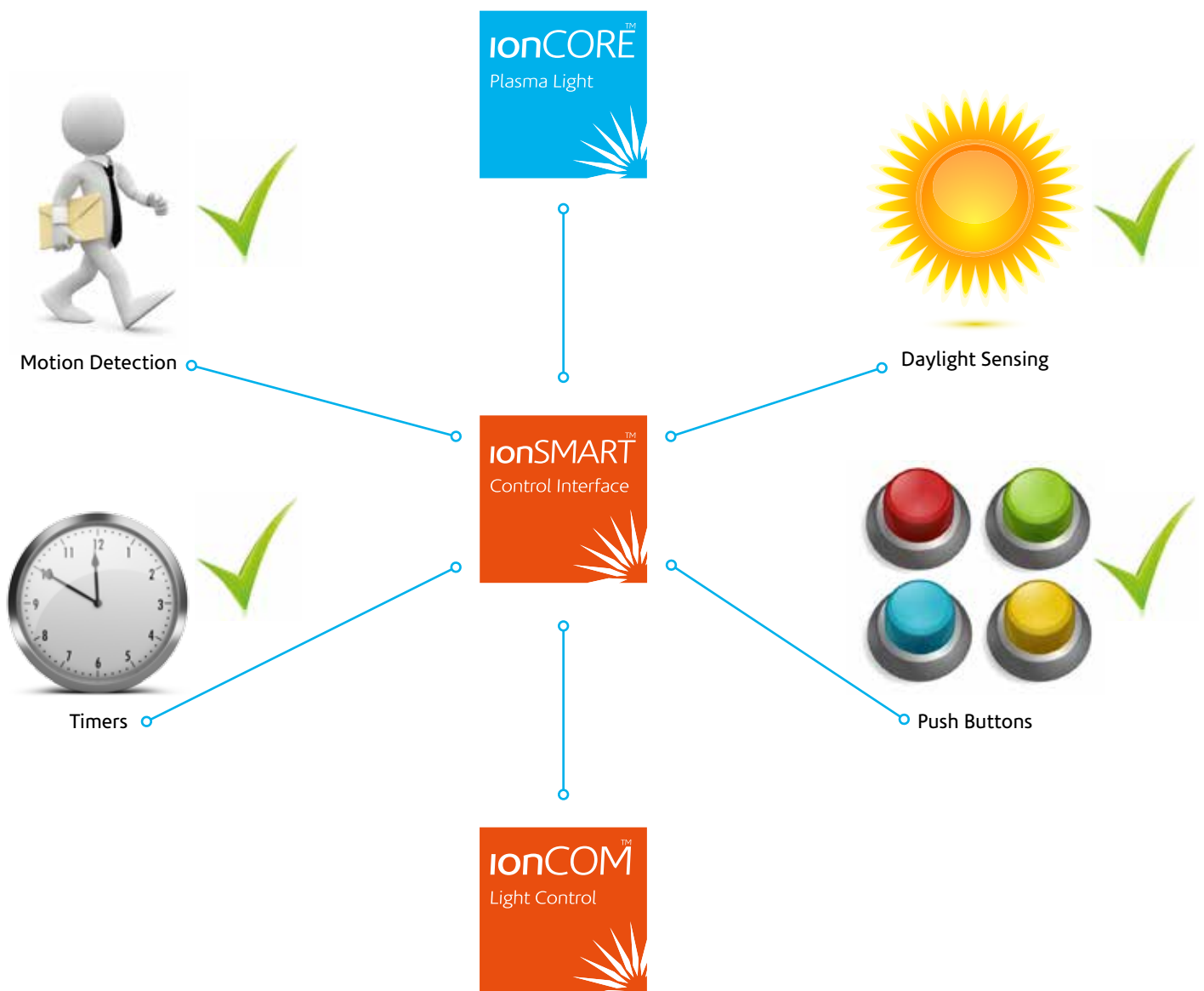
- Control entire groups
- View system status at a glance
- Control luminaires individually

ionSMART™ Key Features

ionSMART™ - Adaptive Control Solutions - is a range of interface modules designed to facilitate the ability of ionCORE™ powered products to be operated by theoretically any lighting control product or system.

ionSMART™ control module provides seamless communication across multiple controls platforms from automatic, self-managed controls through to complex ionCOM™ managed networked lighting systems.

ionSMART™ is the interface module used by the ionCOM™ lighting control eco-system.







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