iControlsystem description

iConnect is a new generation lighting control and monitoring system. All Aerolighting products are now available with the iConnect option.

iConnect is an addressable communication system between lighting components and a central command. iConnect is based on an open bus communication system. Each light is separately addressable and can be independently controlled and monitored through the system.

Control the whole lighting system from multiple devices

From a **touch screen** with a friendly user interface, you are able to control each functionality of the system. You can monitor the state of the lighting system. You will be informed if a lamp or power supply fault occurs. The iConnect will inform you, which lamp has encountered a failure. A scheme will help you to detect any failure on the system. The iConnect detects a problem also, when the lighting system is switched off.

All these functionalities are available from any **computer, tablet and mobile phone** (iOS and Android).

The iConnect can be configured to **send directly an email to your responsible technician, as soon as a failure occurs.** This email will contain all necessary information (type of failure, still active, type of lamps, state of the whole lighting system...)
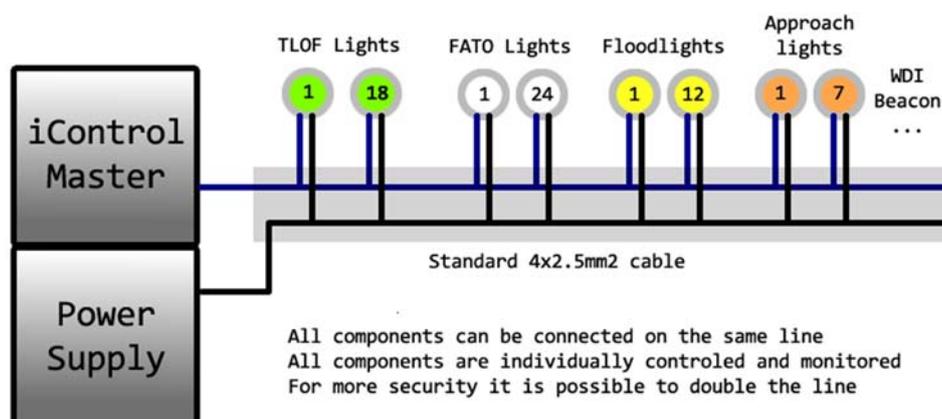
Pilot and crew are able to turn on and regulate the brightness of the lighting system from anywhere directly from their Smartphone or tablet with a dedicated application.

A single electrical line can be used. It is not necessary to cable light separately.

This system is based on a open bus protocol. You can add additional components from any manufacturer. iConnect have a high interoperability and can be interconnected with a lot of systems.

iConnect makes the installation and exploitation easier and much safer.

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iConnect frequent questions

Is it complicated to install and configure the system?

No, iConnect is much easier to install than a standard lighting system. You won't have to group lights on a power supply. There is no need of complex cabling.

Will we have to use special cables?

No, you can use fully standard 4x1.5mm^2 or 4x2.5mm^2 cables.

Must all lights be directly connected to the iConnect Master?

No, you can use a single line to connect all lighting components. Usually we recommend to use two separate lines (security redundancy).

Can the iConnect be connected to other systems?

Yes, iConnect can be easily connected with a lot of systems. For example, you will be able to connect and manage it through KNX.

In case of a failure of the iConnect Master (no power supply…), will the heliport be out of use?

No, when a problem occurs with the iConnect master, lights will detect that the link is broken and the whole system will turn on in safe mode.

Must the iConnect Master be connected to our network?

If you want to use all the functionalities such as remote control through Smartphone or tablet, you will have to connect the iConnect Master to a local network or to internet.

Is it possible to control the system from multiple location?

Yes, for example, you can install a touch screen in an office, a push bottom in the hangar and control it with a computer from the call center. To install deported touch screens, you will just have to connect them with a standard Ethernet cable. Additional components can be added at any time.

Can anyone turn on the lighting system from the dedicated application (android, iOS)?

No, the system is highly secured. When configuring the application, you will have to enter credential information.

Can I control multiple helipads from the mobile application?

Yes, pilots and crew will be able to configure multiple helipads in the application and control them independently. Maintenance technicians will also be able to see the status of the system for multiple helipads.

Can the iConnect system be used in parallel with a radio controller (ARC-VHF)?
Yes, both systems can work together.