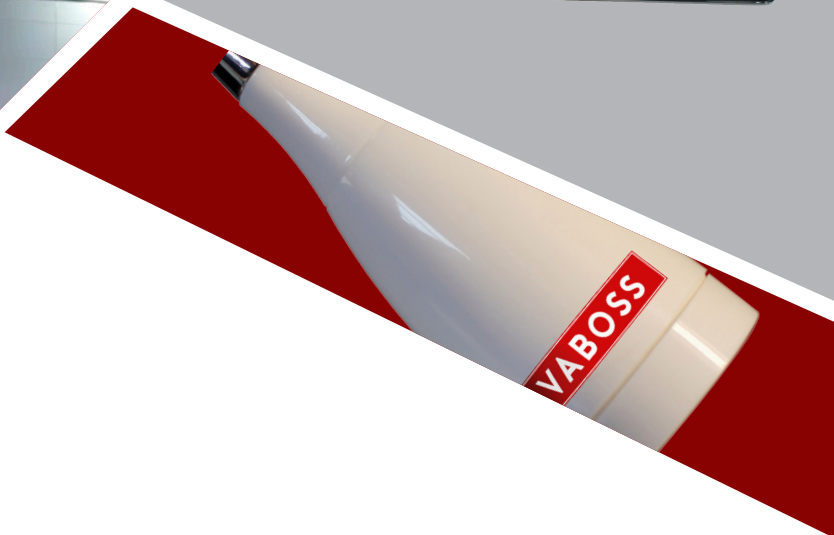


VABOSS X2I-25 INTELLIGENT LIGHT CONTROL

Motion and Light Control for Energy and Apertures



VABOSS

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INTEGRATED CONTROL

VABOSS lighting controls are integrated stand-alone units that manage lighting in an individual luminaire's space. VABOSS is proving to be the symbol or metaphor that best describes the way intelligent light control has evolved through a most radical technological change into a highly functional, yet pragmatic single light control unit.

Past are the old systems that incorporate multiple devices; occupancy sensors, timeclocks; and photocells that are hard wired to control fixed groups of light independently or collectively.

A VABOSS X2I-25 control makes all its own decisions; turns off when it's not required and turns on when it's dark specifically in its' zone of operation.

If you have a speciality job to do requiring detailed watchmaker vision at a precise station, VABOSS will turn up the power to maximum available light. And if somewhere else the call is for low occupancy, minimum light, it will dim down into the shadows. Controls can call for presence detection or simply management of ambient light.

It's all very simple; you set the light levels that you want and the level of sensitivity to human or mechanical presence and a VABOSS X2I-25 control will do your work for you until you decide it's time for a change, then you make  **Bluetooth** contact and change the rules. Then away it goes again, while you go about your business.

You can have:

- Ambient control only
- Single function light management
- Ambient and Presence control that not only manages your light levels, but also turns the light on when someone arrives, or
- Group control, which does both Ambient and Presence control, plus groups select lamps together so whole areas can be managed by any one of the group of lamps.

If that isn't premium performance, you can call for a custom designed and made control, specifically engineered for the most demanding building.

LAMP BODY SUITABILITY



A VABOSS X2I-25 integrated control unit can be fitted to almost any high bay lamp. There are numerous housing and connector options and VABOSS will provide assistance to help design a suitable mechanical interface and provide instructions to any lamp manufacturers to prepare lamps for installations for almost any lamp.

Vaboss supplies a Junction Control Box, model JCB 66-4 for speedy connections at the point of lamp manufacture. Control cables plug in with either Micro XH 2.54 or PicoBlade sockets. The unit is IP66 and comprises a switch off feature.

If the lamp is powered by a 0/1 ~ 10V, Open/Closed, DSI or DALI driver it can be connected to a VABOSS X2I-25 Control.

All of the below lamp types could be fitted with a VABOSS control.



VABOSS X2I-25 FEATURES

- Ballast & Driver Compatibility - Interfaces with 0/1 ~ 10V, Open/Closed, DSI or DALI
- Lamp Compatibility - Supports both fluorescent and LED
- Daylight Harvesting - Light sensor feeds back luminance to allow reduced lighting levels in response to natural illumination. Optional ability to take input from separate sky-facing sensor.
- PIR Presence - Panasonic high quality infrared sensor range; LOW bay for medium distance (4 ~ 9M) and HIGH bay for long distance (7 ~ 14M) in warehouses, factories, public buildings, stadiums and arenas.
- Minimum complexity component count as the Controller is able to derive its low power requirements from a luminaires supply of between 12 and 70 volts.
- Management - Routine wireless access with PC / Tablet / iMac application.
- Relay drive option for 0 ~ 10v 100% power off control Zero crossing detector for turn-on/off of luminaires
- Housing Types - Flush horizontal or vertical through body mount or extended gooseneck

HOUSING, CONNECTORS & MOUNTS OPTION

There are various mounting options; each having been designed to fit one or more of the diverse range of lamp types available from local and international manufacturers.

In each option the control unit is secured inside a solid housing; either the tulip shaped housing or one of the two available junction box housings. Lamp manufacturers are encouraged to custom design housings, mounting supports and connectors that best unite with their lamp range.

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OPTIONAL FEATURES

Shutter / Blind / Awnings - Custom design for positive or incremental controllable devices
Sensor Interfaces Choices – Microwave for through glass and other special environments
Ultrasonic for up to 10m speed of movement detection

CONTROL PARAMETERS TUNING AND ADJUSTMENT

A full range of parameter settings can be accessed and tuned using a tablet with Texas Instruments BTool application.

A beta version of an Android application for tuning settings is currently in test and is expected to be released in late June 2016.

Model	Site	Sensor	Environment	Mount Height	Detection Area	Light Harvest
X2I-25 A ##-#	Warehouse / Showroom / Factory	Ambient	Variable sources	4M -14M	40 - 100m ²	Low / High bay with skylight
X2I-25 AI ##-#	Warehouse / Showroom / factory	PIR	Variable sources	6M -14M	40 - 100m ²	Low / High bay with skylight
X2I-25 AIG ##-#	Warehouse / Showroom / Factory	PIR	Task / Group Lamps	4M -14M	40 - 100m ²	High bay with skylight



Bluetooth

Panasonic



TEXAS INSTRUMENTS



Certified to FCC (T7VPAN17), IC (216Q-PAN17) and CE (Directive 1999/5/EC) Bluetooth specifications (QDID: B016552) and (QDID: B017183) compliant

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