

INNCOM PC50X DALI MODULE

Digital Addressable Lighting Interface (DALI) for Hospitality

When you integrate every light in a guestroom, you gain precise, granular control and monitoring. Create beautiful scenes and smart automation that also help you save energy, and more quickly respond to lighting faults.

Make lighting more convenient for guests and more efficient for you, with the sophisticated versatility of a DALI system designed for the needs of hospitality.

With control for brightness and white tones, you can wow guests with beautiful scenes when they enter, give them intuitive ways to control lights while they're in the room, and ensure that lights automatically switch off to save energy when the room is empty. Then when guests return, the lights can revert to the state in which they were left. Even tune the white light color temperature to offer guests energizing daylight white in the morning and relaxing warm light in the evening (requires compatible ballasts/drivers).

The PC50X also integrates with the INNCOM INNcontrol™ energy management system (EMS) to optimize control property-wide. With oversight of each light in every room, you can monitor usage and savings, and you can get alerts via PC or mobile device for any issue, with details on which light has an issue and why.

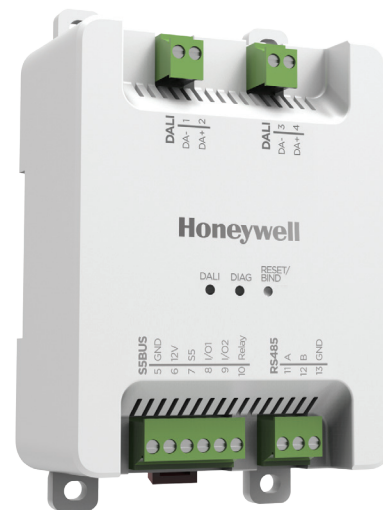
HIGHLIGHTS

DALI Type 8 Tc (Tunable White Color Temperature)

Highly accurate white tone and brightness control that can even recreate sunlight. Compatible with most types of lighting – incandescent, fluorescent, LED.

INNcontrol™ EMS Integration

Track usage and status of light. Set usage thresholds to proactively alert staff of when to replace bulbs.



Customize up to 16 scenes and groups

Auto-on when guests enter, auto-off when room is empty

Lights revert to prior state when guests return, or after power-outage



Very low dimming below 10%, with no flickering or buzzing (depending on driver / ballast)

Dimming timer ensures all lights reach same level at same point

Multiple dimmer options (rotary, slider, button press)



Versatile guest controls (bedside panel, voice assistant, hotel app)

Controls can toggle scenes, groups, and all lights

Tunable white control to emulate daylight, relaxing warm light, and more



Easy to set up, easy to reconfigure via BLE

Wired or wireless installation

Supports daisy-chaining for reduced cabling

Zigbee® and Bluetooth® Low Energy

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Specifications		
DALI	Connector	2-pin Terminal Block
	Data Rate	1200bps
	Isolation	1500 VDC, between DALI - SELV circuit
INNCOM S5Bus	Data Rate	2550bps
	Range	50ft
	Max No. nodes	20
Zigbee RF	Range	100ft
	Transmit Power	19dBm(FCC), 9dBm(CE)
	Receive Sensitivity	-95.6dBm
	Frequency Band	2.4GHz
	Protocol	802.15.4
	Frequency Channels	11-26
BLE RF	Range	50ft
	Bluetooth Version	5
	Output Power	8 dBm Max.
	Receive Sensitivity	95 dBm (typical @ BLE 1 Mbps) -92 dBm (typical @ BLE 2 Mbps) -103 dBm (typical @ BLE 125 kbps)
RS485	Data Rate	250kbs
	Protocol	Deep Mesh
	Signal	A,B, Ground
	Network Topology	Multi-Point, Daisy-Chain, Tree, Star
	Network Max. Devices	32
I/O	Digital inputs/outputs	2 digital TTL inputs/outputs, software configurable
	Relay output	OC type output
Power Requirements	Input Voltage	12VDC
	Power rating	100mA Max.
Environment	Operation Temperature	0~50C
	Storage Temperature	-20~70C
	Humidity*	10~90% RH, Non-condensing
Approvals	Safety	IEC 61347-2-11
	EMC	EN 61547, EN 55015, EN 301489
	Radio	EN 300328

*For indoor use only

Honeywell Hospitality

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