

# 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 virtually any color of light, 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** Control of virtually any color, as well as highly accurate white tone control that can even recreate sunlight. Compatible with most types of lighting – incandescent, fluorescent, LED.

**INNcontrol™ EMS Integration** Track usage and status of every light, with mobile alerts for issues. 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

## INNCOM PC50X DALI MODULE

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

\*For indoor use only

### Honeywell Hospitality

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