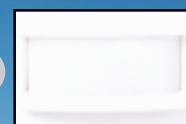


*e*⁴ Smart Digital Thermostat



OPTIONS

INFRARED ROOM
OCCUPANCY SENSOR

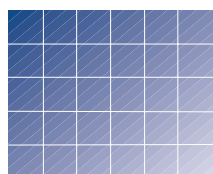


MAKE-UP ROOM
DO NOT DISTURB OPTION

GENERAL DESCRIPTION:

The *e*⁴ Smart Digital Thermostat is a powerful, *expandable* multi-purpose device. Its core is a DDC illuminated thermostat designed to control virtually any fan coil unit or packaged terminal air conditioner found in hotel guestrooms. It includes five relays and optional on-board infrared (IR) transceiver and passive infrared occupancy sensor (PIR). When coupled with INNCOM's wireless magnetic door switch, the *e*⁴ becomes the brain of a low-cost yet highly effective stand-alone energy management system for guestrooms.

Connected to INNCOM's low-cost CINET with a pair of low voltage wires, an even more powerful, centrally controlled EMS package is created. Further, the *e*⁴ is readily expandable to include functionality such as humidity control, outside temperature display, minibar access reporting, occupancy reporting to housekeeping, automatic control of lights and much more. It can be controlled remotely either by infrared or low voltage wiring.



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OPERATION: In its most basic form, the e^4 functions as a high quality DDC thermostat, automatically adjusting fan speeds and valves to achieve set temperature. In its EMS mode, the e^4 receives inputs from its PIR and INNCOM's wireless door switch. When it determines that the guestroom is unoccupied, the temperature is allowed to drift up or down within a programmable setback band in order to save energy.

When it becomes part of a centrally controlled system connected to INNCOM's CINET, substantial additional energy savings are achieved by using a broader setback band when the guestroom is unrented.

The on-board IR transceiver is used to enable the e^4 to be controlled by INNCOM's IR1010 Handheld Remote Controller and to control lamps which have INNCOM's L206 or L207 Lamp Control Module installed. In addition, the e^4 may be used to receive other inputs from, for example, a balcony door, a minibar or a smoke detector.

INSTALLATION: The e^4 is wired as any line or low voltage wall thermostat with either 6 or 7 wires, depending on fan speed requirements. Total installation time for both the e^4 and INNCOM's wireless door switch is typically less than 45 minutes per room. Adding the CINET for central control requires additional time.

FEATURES:

- Direct line voltage or low voltage application.
- Advanced energy management.
- Customer programmable parameters.
- Low acquisition and low installation costs.
- Precision DDC temperature control for enhanced guest comfort.
- Practically wireless guestroom installation. Ideally suited for retrofit as well as new construction or refurbishment projects.
- Expandability to include functions best suited to each hotel's needs, such as:
 - Multi-point lamp control
 - Minibar and safe monitoring
 - Smoke detector annunciation
 - Handheld IR control of temperature
 - Balcony door monitoring
- Optional Do-Not-Disturb and Make-Up-Room buttons for use by housekeeping with INNCOM's remote Windows terminals.
- Optional central control and monitoring of all above.
- Aesthetically pleasing appearance.

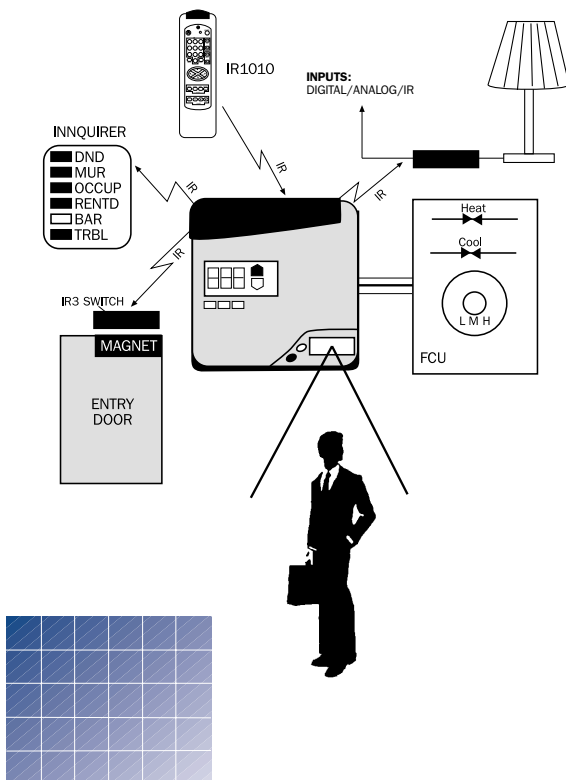
SPECIFICATIONS:

Dimensions: 4.7"W x 4.7" H x 1.2"D.

Operating Range: 41°F to 149°F.

Power In: 120V, 30 mA, 277V, 15 mA
24V, 100 mA.

Output Relays: Fans (2) Rated at 1/4 HP @ 220VAC.
Fan (1) Rated at 1/2 HP @ 220 VAC.
Valves (2) Rated at 1 AMP, 120-277V.



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e4™**Smart Digital Thermostat**

New!
Battery-powered
version!

**GENERAL DESCRIPTION:**

The INNCOM e4™ battery-powered Digital Thermostat is a powerful, expandable multi-purpose device. Its core is a DDC illuminated thermostat designed to control virtually any fan coil unit or packaged terminal air conditioner found in hotel guestrooms. It includes on-board infrared (IR) transceiver and passive infrared occupancy sensor (PIR). When coupled with INNCOM's wireless magnetic door switch, the e4 becomes the brain of a low-cost yet highly effective stand-alone energy management system for guestrooms.

When connected to INNCOM's wireless CINET, an even more powerful centrally controlled EMS package is created. The battery-powered e4 is readily expandable to include functionality such as humidity control, outside temperature display, minibar access reporting, occupancy reporting to housekeeping, automatic control of lights and much more. It can be controlled remotely either by infrared or low voltage wiring.



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OPERATION:

In its most basic form, the e4 functions as a high quality DDC thermostat, automatically adjusting fan speeds and valves to achieve set temperature. In its EMS mode, the e4 receives inputs from its PIR and INNCOM's wireless door switch. When it determines that the guestroom is unoccupied, the temperature is allowed to drift up or down within a programmable setback band in order to save energy.

When it becomes part of a centrally controlled system connected to INNCOM's CINET, substantial additional energy savings are achieved by using a broader setback band when the guestroom is unrented. The on-board IR transceiver is used to enable the e4 to be controlled by INNCOM's IR3035 Table-top Controller and to control lamps which have INNCOM's S217 wireless light switch or the L208 lamp control module installed. In addition, the system may be used to receive other inputs from, for example, a balcony door, a minibar or a smoke detector.

INSTALLATION:

The battery-powered e4 can be placed at any suitable location in the guestroom to optimize both convenience and guest comfort. The X529 Logic Control Board is installed at the HVAC unit along with the appropriate relay control board required for the specific operation. The eye5 IR transceiver is positioned so that it can receive and send control information to-and-from the thermostat.

INNCOM's wireless door switch can be added to augment energy management and is typically installed in less than 15 minutes. Adding the wireless CINET for central control is easily connected to a spare telephone pair of wires or a dedicated wire provided in the guestroom.

FEATURES:

- Advanced energy management
- Easily installed
- Unlimited location options for optimal performance
- Customer programmable parameters
- Precision DDC temperature control for enhanced guest comfort
- Wireless guestroom installation
- Ideally suited for retrofit as well as new construction or refurbishment projects
- Expandability to include functions best suited to each hotel's needs, such as:
 - Multi-point lamp control
 - Minibar and safe monitoring
 - Smoke detector annunciation
 - Balcony door monitoring
- Optional Do-Not-Disturb and Make-Up-Room buttons for use by housekeeping with INNCOM's remote Windows terminals
- Optional central control and monitoring of all above
- Aesthetically pleasing appearance

SPECIFICATIONS:

Dimensions:	4.7"W x 4.7"H x 1.2"D
Operating Range:	41°F to 149°F
Power In:	Four AA batteries
Output:	Diffuse-mode IR5
Requirements:	X529 Logic Control Board installed at HVAC unit



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GDA-700™

Guestroom Digital Assistant



Room Control



Guest Services



Alarm Clock & Digital Radio



2-Line Speakerphone

GENERAL DESCRIPTION:

The INNCOM Guestroom Digital Assistant™ (GDA-700™) provides ultimate convenience and guest satisfaction with full-color touchscreen displays for climate control, lighting, drapes, alarm clock, digital radio, and a two-line speakerphone. Additional features include full energy

management functionality, guest services information and communications, automated CRM monitoring, easy staff reporting functions, and voice annunciation. The intuitively easy-to-use GDA-700 replaces multiple guestroom devices with a single multi-functional unit.



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FUNCTIONALITY:

The INNCOM GDA-700™ has on-board processing power for the following functions:

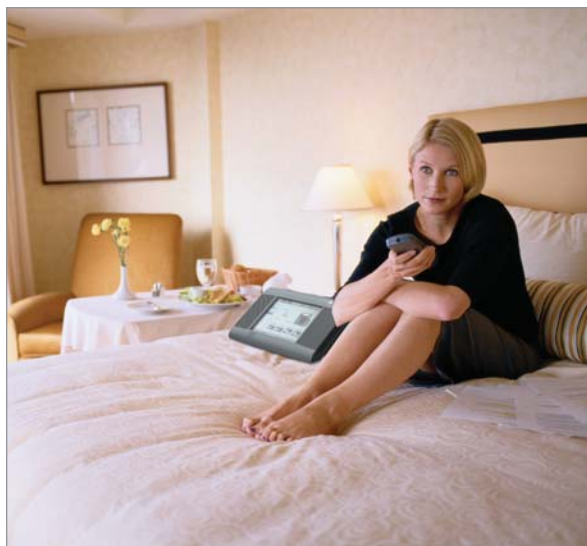
- Accurate Climate Control
- Energy Management
- Lighting Control
- Drape Control
- Clock / Alarm Clock
- World Time
- Do-Not-Disturb / Make-Up-Room
- Butler / Bellman / Shoeshine
- Room Service Functions
- In-Room Doorbell Annunciation
- Local Weather
- "My Group" Information & Contacts
- Local Services (Restaurants, Taxis/Limos, Theaters, Airlines, Maps, etc.)
- Stock Market Summary and Quotes
- Multiple Language Display
- Preferred Guest Info / Request for Info
- Problem Reporting & Resolution
- Guest Comment Card
- Visual Aides for Hearing Impaired (ADA)
- Audio Aides for Sight Impaired (ADA)
- Housekeeping Reporting
- Maintenance Reporting
- Mini-Bar Usage Reporting
- Food Service Cart/Tray & Utility Cart Tracking
- Wireless Staff Tracking
- Noise Tracking and Reporting
- Voice Annunciation
- On-Board Digitally Tuned Radio
- 2-Line Speakerphone
- Non-Standard IR Control Codes
- Customer Relationship Management (CRM) Reporting

BENEFITS:

- Significantly Enhanced Guest Satisfaction Index (GSI)
- Special Features Cater to Elderly and ADA Clientele
- Increased Attendant Satisfaction Index (ASI)
- Increased Staff Efficiencies
- Advanced Energy Management
- Increased Revenue from Value-Add Services
- Automated CRM Data Gathering & Dissemination
- Ability to Provide Rapid, Proactive Response to Guest-Reported Problems
- Property/ Brand Differentiation
- Powerful "Wave of the Future" Platform

SPECIFICATIONS:

Dimensions:	10"W x 4 1/8"H x 6 1/4"D
Weight:	3 pounds
Power In:	110 VAC
Other:	Fully Ethernet-enabled



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IR3035

Table-top Control Panel



GENERAL DESCRIPTION:

The INNCOM IR3035 Table-top Control Panel is designed specifically for the hotel guestroom. Lightweight and aesthetically pleasing, it provides the guest with fingertip control of all electrical amenities in the room, including

climate control, switched lighting and lamps, drapes, and alarm clock. The IR3035 is wired to the Smart Room Controller and communicates with other INNCOM components in the guestroom via the S5 Buss or infrared.



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OPERATION:

The IR3035 can be used in conjunction with, or in place of, other INNCOM guestroom control components.

INSTALLATION:

The IR3035 can be placed on any surface without being encumbered by heavy cabling. The required wiring is a simple, modular six-conductor cable, similar to a standard telephone wire. Typically, the IR3035 is placed on the nightstand in the guestroom. Installation time is less than twenty minutes.

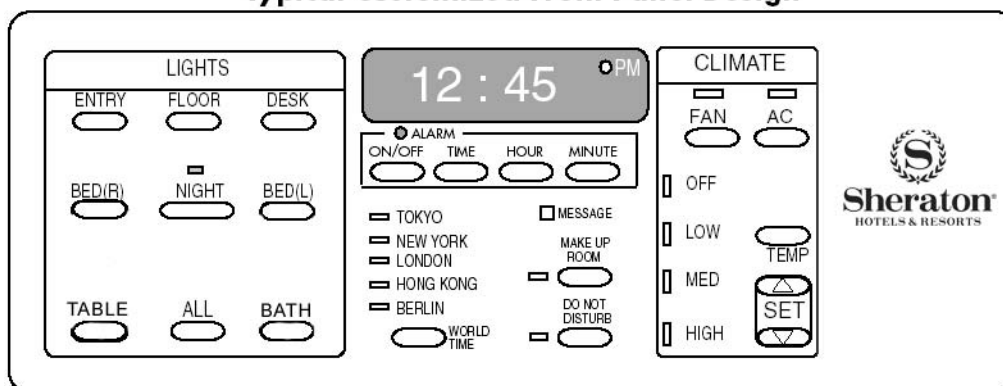
FEATURES:

- Fingertip control of all electrical guestroom amenities
- Easily installed
- Tactile switches with audible "click" feedback
- Large LED clock display
- Easily set alarm clock
- World time display
- Remote lighting control
- Remote climate control
- Do-Not-Disturb/Make-Up-Room Functions

SPECIFICATIONS:

Dimensions:	9.0"L x 2.5"W x 4.0"D
Power:	12VAC
Color:	Black with gold lettering, or special order
Weight:	One pound

Typical Customized Front Panel Design

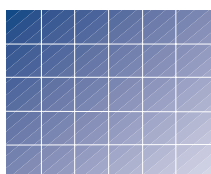


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L207 Lamp Control Module

LIGHTING CONTROL SOLUTIONS



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GENERAL DESCRIPTION: The L207 Lamp Control Module is an exceptionally versatile device designed specifically for hotel guestrooms. It converts any standard lamp into a remotely controllable lamp with full dimming capability. Remote control is effected using infrared (IR) commands from any INNCOM IR-compatible device, such as the IR1010 Handheld Remote Controller, the IR6060 Touchscreen Telephone/Control Console, the H228 Digital Illuminated Thermostat, and others.

There are two parts to the L207: (1) an IR Eye, which also serves as the local switch for the lamp, and (2) a Power Supply (PS), which is typically mounted or placed in an out-of-sight location. The PS is simply wired in-line with the lamp's cord, so that power from a standard wall outlet feeds into the PS, and power to the lamp feeds out from the PS. The IR Eye is then connected to the PS with a standard RJ9 phone-type plug.

OPERATION: For local control, when the switch on the IR Eye is pressed and released, the lamp is toggled on or off. When the switch is pressed and held, the lamp will rapidly cycle through 256 points of dimming control. When the lamp reaches the desired brightness level, the guest releases the switch, and the lamp remains at that level.

For remote infrared operation, the same functionality is achieved by using IR commands from any compatible INNCOM device. For example, the lamp may be turned on or off or dimmed using the keys on the IR1010 Handheld Remote Controller, or it could automatically be turned on and adjusted to a preset brightness level through commands from the H228 Digital Illuminated Thermostat upon guest check-in ... or automatically turned off upon guest check-out.

Installation: Typical installation time is less than 15 minutes per lamp. The lamp's power cord is cut at a predetermined distance so that the PS can be mounted out-of-sight behind a table, desk or other piece of furniture. The cut ends of the lamp cord are then wired into the PS. The IR Eye is plugged into the PS, and the wiring cover is screwed down to a closed position.

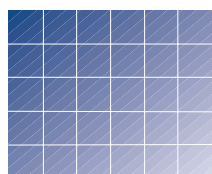
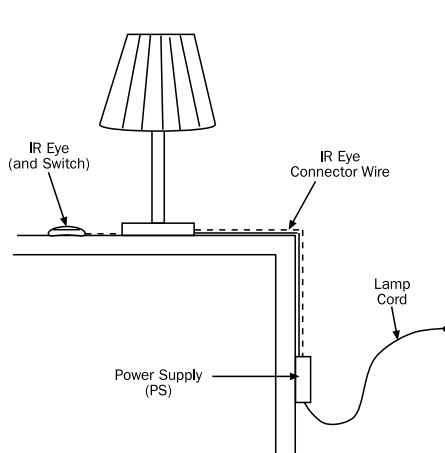
FEATURES:

- Creates remote control capability for any existing or specified lamp.
- Provides full dimming capability for any incandescent or MLV halogen lamp.
- Easily installed.
- Remotely changeable IR address.
- Automatic light bulb outage reporting capability.
- Extends light bulb life by using "soft on" and operation slightly below maximum rated voltage.
- Auxiliary Input for automatic non-intrusive monitoring of minibar access, balcony door openings, and other guestroom activity.
- "Repeater" capability: L207 can relay IR commands to other INNCOM devices.

SPECIFICATIONS:

Input Power: +/- 115V or +/- 230V AC.
50 or 60 Hz operation.

Dimensions: IR Eye: 13"L x 1.5"W x 1"H.
(7.6cm x 3.8cm x 2.5cm).
PS: 5"L x 3.4"W x 1.5"H.
(12.7cm x 8.6cm x 3.8cm).



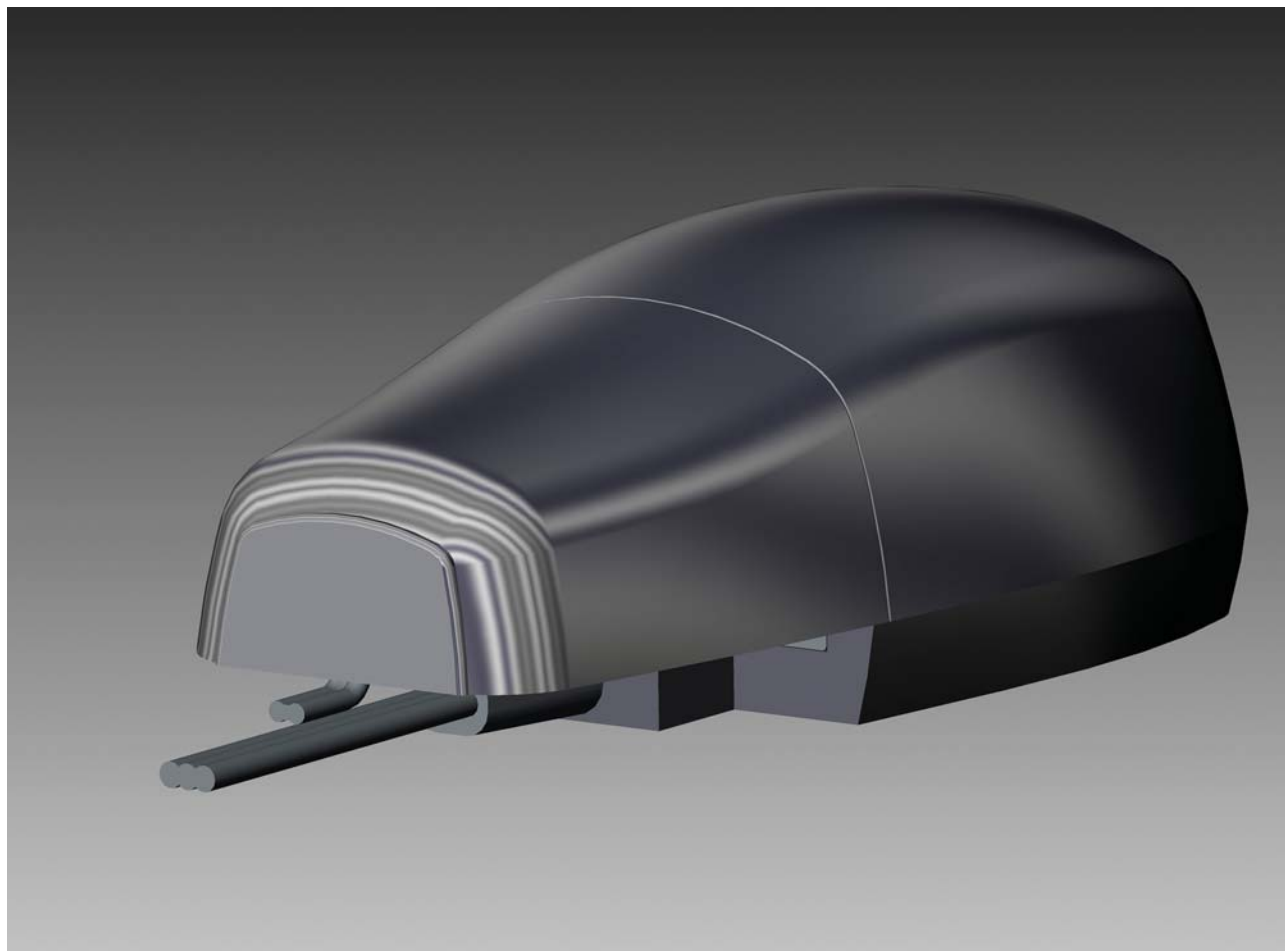
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L208

Lamp Control Module



GENERAL DESCRIPTION:

The L208 Lamp Control Module is an exceptionally versatile device designed specifically for hotel guestrooms. It converts any standard lamp into a remotely controllable lamp. Remote control is effected using infrared (IR) commands from any INNCOM IR compatible device, such as the IR3035 Control Console, the e4 Digital Thermostat, and others.

The L208 can be used as a gateway for wireless communications for Central Electronic Locks (CELS) and

INNCOM's Central Interface Network (CINET). When used with a bridge device, the L208 is an IR transceiver that enables the 3035 table-top controller to be a wireless device.

The L208 consists of two parts: (1) a remotely located switch for the lamp, and (2) a Power Supply (PS) with IR Receiver, that is typically mounted or placed in an out-of-sight location. The lamp cord is simply plugged into the L208 which is powered from a standard wall outlet. The remote switch is then connected to the L208 with a standard RJ9 phone-type plug.



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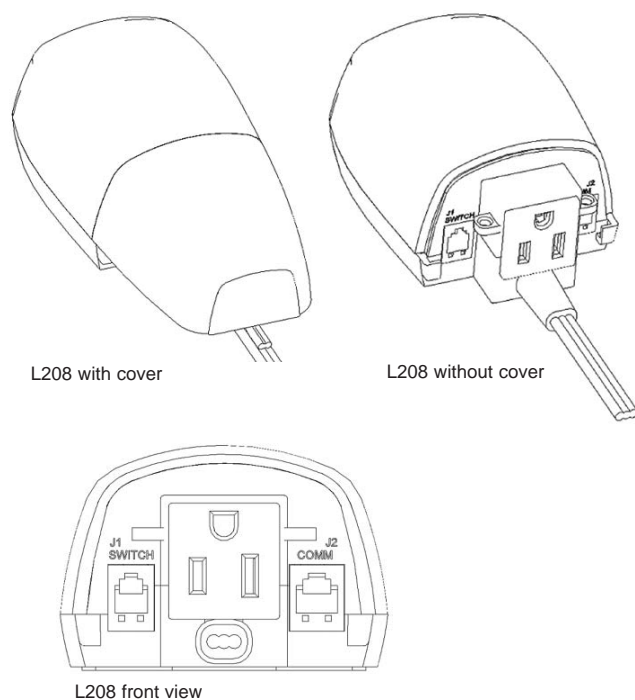
OPERATION:

For local control, when the switch is pressed and released, the lamp is toggled on or off.

For remote infrared operation, the same functionality is achieved by using IR commands from any compatible INNCOM device. For example, the lamp may be turned on or off using the keys on the IR3035 Controller, or it could automatically be turned on and adjusted through commands from the e4 Digital Thermostat upon guest check-in ... or automatically turned off upon guest check-out.

INSTALLATION:

Typical installation time is less than 10 minutes per lamp. The lamp power cord is plugged into the L208 which can be mounted out-of-sight behind a table, desk or other piece of furniture. The L208 is then plugged into a standard wall outlet. The IR Eye is plugged into the power switch, and the wiring cover is snapped on to cover the cable plugs.

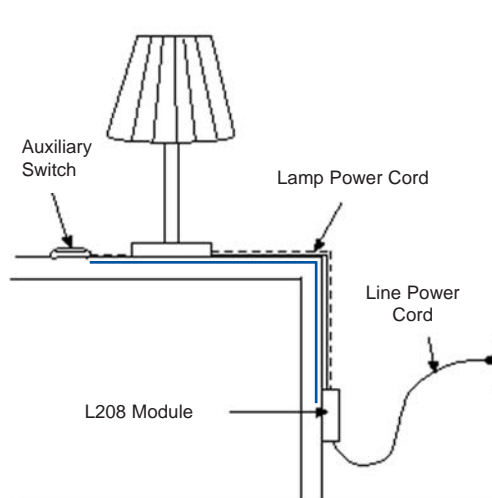


FEATURES:

- Creates remote control capability for any existing or table or floor lamp
- Easily installed
- Change IR address remotely
- "Repeater" capability: L208 can relay IR commands to other INNCOM devices
- Wall mountable or free standing

SPECIFICATIONS:

AC In:	100-230VAC
	50 or 60 Hz operation
Output Power:	300 watts
Size:	5.98"L x 3.13"W x 2.14"H
Color:	Translucent IR Black



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INNtouch® P263

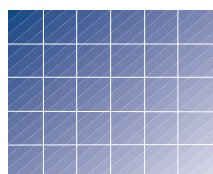
External Door Plate

GUESTROOM STATUS SOLUTIONS



GENERAL DESCRIPTION: The P263 is INNCOM's external door plate with door chime, "Do Not Disturb" and "Make Up Room" message displays. This attractive assembly is designed to be installed on the wall outside the guestroom. The P263 plate allows ringing the chime inside the guestroom and provides a lettered LED indication if the guest requests privacy. There is also a discreet LED indicator if the guest wishes the room to be made up. Additionally, the P263 can indicate current room occupancy status to housekeeping and maintenance staff, minimizing disturbances to the guest.

OPERATION: The Do Not Disturb ("DND") and Make Up Room functions ("MUR") can be activated from any of INNCOM's guest interface devices, or from the P264 switch panel which is typically located on the interior wall next to the door. When the DND condition is set by the guest, the DND indicator on the P263 lights up, the door chime is disabled and incoming calls are diverted to voice mail. When the DND condition is cleared, the DND indicator is turned off and the door chime is allowed to sound if the bell switch is pressed.



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The MUR request turns on a small green LED on the P263. The MUR condition is automatically canceled if the DND condition is activated. Both the DND and MUR requests can be reported to a floor status monitor ("FST") for housekeeping use, and both conditions are canceled upon checkout.

If the room is equipped with the occupancy detection option, the P263 can provide a discreet indication of the occupancy status. Staff use a small magnet on their staff card key to view this status, thus eliminating the need to knock on the door or otherwise disturb the guest.

INSTALLATION: The P263 mounts on a single gang electrical box using two No. 8 metal screws. A six-conductor, low-voltage cable connects the plate to the room controller. No external power supply is required.

FEATURES:

- Large doorbell switch.
- Large "Do Not Disturb" (DND) indicator.
- Discreet "Make Up Room" indicator.
- Hidden room occupancy status indicator.

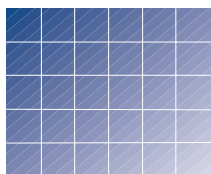
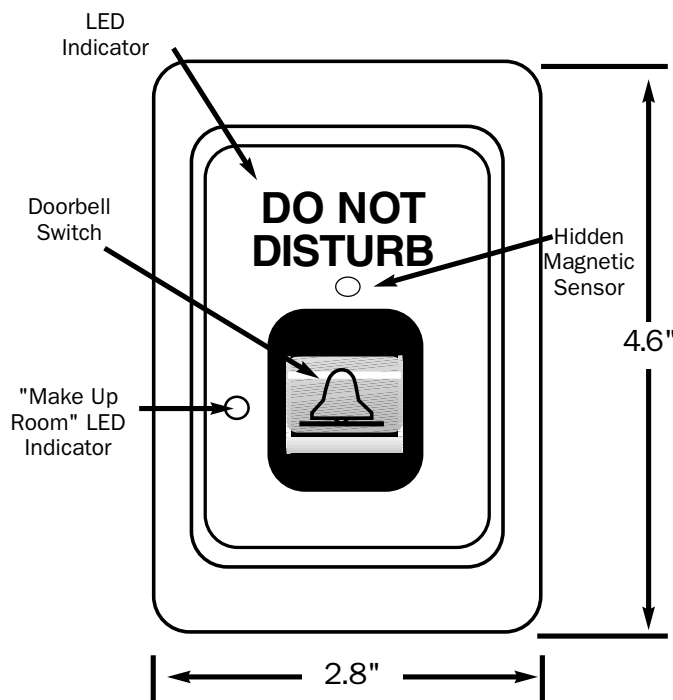
SPECIFICATIONS:

Each indicator requires 20mA at 6V.

The #8 mounting screws are vertically spaced 3.28" apart.

Dimensions: 4.6" H x 2.8" L x 0.3" W

Depth of electrical box: 1.25" at minimum.



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P264 Internal Door Plate

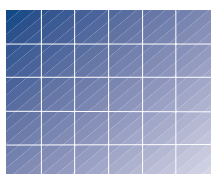


GENERAL DESCRIPTION:

The P264 is a plate with two membrane switches: a "Do Not Disturb" (DND) switch and a "Make Up Room" (MUR) switch. The guest may choose either the DND or MUR functions without needing to open the guestroom door. If DND is pressed, a lettered, backlit "Do Not Disturb" indicator is displayed on the external door plate (P263). If MUR is selected, a discreet LED indicator, readable only by hotel staff, is displayed on the external plate.

OPERATION:

The "Do Not Disturb" and "Make Up Room" functions can be activated from the P264 plate, or from any one of INNCOM's guestroom control devices. When either the DND or MUR switches on the P264 are pressed, a small LED inside the switch is illuminated, so that the guest knows that function has been activated. Additionally, when the DND command is activated by the guest, INNCOM's system can also disable the door chime, divert incoming calls to voice mail, and cancel any active MUR requests.



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Both DND and MUR requests can be automatically reported to a floor status monitor for use by housekeeping and other staff. Both conditions are automatically cancelled upon guest check out.

INSTALLATION:

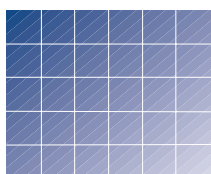
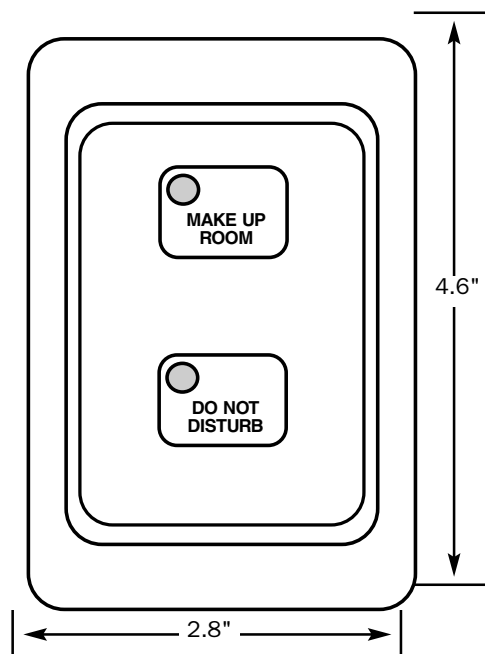
The P264 is mounted in one of two ways. When it is installed during construction, a standard, single gang low-voltage junction box is mounted directly on the wall stud, and the P264 is secured to that with standard screws. Alternatively, an MPLS mounting bracket can be used with a "spacer" supplied by INNCOM. This eliminates the need for the junction box.

FEATURES:

- Aesthetically pleasing faceplate.
- DND feature reduces intrusions on guests.
- MUR feature lessens housekeeping labor.
- Eliminates the expense and need for bothersome hanging doorknob tags.
- Enhances guest satisfaction.

specifications:

- Requires 20mA at 6V, supplied by INNCOM's Room Controller.
- The #8 mounting screws are vertically placed 3.28 inches apart.
- Dimensions: 4.6"H x 2.8"W x 0.3"D
- If mounted on a junction box, a minimum box depth of 1.25 inches is required.



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S217

Infrared Light Switch



GENERAL DESCRIPTION:

The INNCOM S217 Wireless Light Switch provides the next level of energy and utility management by enabling the front desk to remotely turn lights on and off in the guestroom when a guest checks in or out.

The infrared switch replaces the standard hard-wired line-voltage light switch in guestrooms. Lighting can be pre-set to save energy costs and also to create a desired ambiance and an added level of security, both of which are particularly important to guests.

The S217 can be used as a gateway to communicate with INNCOM's magnetic door switch, which notifies the e4™ Smart Digital Thermostat when a guest enters or exits a room. That information prompts the system to raise or lower room temperature as part of the energy management strategy.

The S217 can also be used as a communications gateway for for Central Electronic Locks (CELS) and INNCOM's Central Interface Network (CINET).



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OPERATION:

For local control, when the switch is pressed and released, the lamp is toggled on or off.

For remote infrared operation, the same functionality is achieved by using IR commands from any compatible INNCOM device. For example, the lamp may be turned on or off using the keys on the IR3035 Controller, or it could automatically be turned on and adjusted through commands from the e4 Digital Thermostat upon guest check-in ... or automatically turned off upon guest check-out.

INSTALLATION:

Typical installation time is less than 10 minutes per light switch. The existing light switch is removed from the electrical box and replaced with the S217 Infrared Light Switch. The S217 requires a neutral conductor and ground conductor, as well as a phase conductor at the switch box.

The S241 door switch can be wired directly into the S217 to provide wireless communication from the door switch to the e4™ Digital Thermostat or other INNCOM devices in the guestroom.

When ganged with INNCOM's P564 DND/MUR switch, a standard 4-square outlet box is required. The S217 and P564 are interconnected with a plug-in connector provided by INNCOM.

Standard Decora-style cover plates can be used with the S217 Infrared Light Switch.

FEATURES:

- Directly replaces existing line voltage switch
- Easily installed
- Accepts "decora" style cover plate
- Tactile switch with LED pilot light
- Enables automated lighting control scenarios
- Gateway for S241 Door Switch
- Gateway for Central Electronic Locks (CELS)
- Gateway for Central Interface Network (CINET) when used with B485 CI-Interface Module

SPECIFICATIONS:

AC In:	100-230VAC
Output Power:	300 watt Incandescent bulb
Wiring:	Phase
	Neutral
	Ground
Standard Single-gang electrical box	



P564 Do-Not-Disturb/Make-Up-Room switch ganged with the S217 IR Light Switch



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VFD-4™

Variable Fan Drive Assembly



GENERAL DESCRIPTION:

The VFD-4™ Variable Speed Fan Drive is designed to provide variable fan speed capability for FCU and PTAC applications. The VFD-4 can be used in either new or retrofit installations where a fixed fan speed motor is currently installed. Where multiple fixed fan speeds are available, any one of the fixed speeds can be used for variable control.

Variable speed fan control provides many advantages over fixed fan speeds including:

- **Acoustic Noise Reduction.** The VDF-4 offers infinite fan speeds including slower than normal fan speeds. Slower fan speeds significantly reduce noise levels.
- **Smooth Speed Transitions.** The VDF-4 eliminates stepped changes between fan speeds.
- **Steady-state Temperature Control Without Fan Speed Changes.** Active fan speed cycling is not required to compensate for heat gain or loss. Instead, gradual changes are made based on heating and cooling requirements.

- **Extended Motor Life.** Significantly fewer start-stops and speed change cycles reduces wear on mechanical components.
- **Increased Energy Savings.** Running the fan at optimal fan speed increases energy savings.
- **Sub-low Fan Speed for Dehumidification.** When in the dehumidification mode, the lowest achievable (sub-low) fan speed can be selected to enhance the dehumidification process.
- **Fewer Control Wires Required.** Only two fan motor control wires and three thermostat control wires are required for the VFD-4 to operate. Heating and cooling valve wiring remains the same.

Additional features include continuous fan operation, VIP over-ride capability with automatic restoration and elimination of "short cycle" fan noise complaints.



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OPERATION:

The VFD-4 assembly is wired between the e4™ digital thermostat and the fan motor. Once installed, the VFD-4 controls fan speeds depending on the demand condition in the different air conditioning modes.

The VFD-4 provides two operational functionalities:

Noise reduction

The INNCOM VFD-4 incorporates four different built-in noise reduction configurations — *Whisper, Quiet, Standard, and Performance* — for both the variable fan speed mode and the discrete (fixed fan speed) mode.

These four modes of operation are parameters that can be set by the hotel engineering department. When a centrally controlled system is installed, a parameter change can be made from the server, a terminal, or remotely from off-property. In a standalone system, parameter changes can only be made at the thermostat.

Humidity control

The VFD-4 provides better dehumidification as a result of its ability to achieve lower fan speeds than can be achieved when using the pre-determined fixed fan speeds provided in the FCU or PTAC unit.

When the fan is running at its lowest allowable speed, the air passes over the coils very slowly. While in the cooling mode, the air gets colder than it would when it passes over the coil at higher speeds. When the air gets colder, more water is condensed onto the coils which then dries the air more than it would at higher speeds.

Additional humidity control strategies can be employed using the humidity control algorithms built into the e4™ digital thermostat.

INSTALLATION:

The VFD-4 is typically installed using a single UL approved electrical J-box ready or in two shallow electrical J-boxes (one low voltage and one high voltage). Final configuration will be determined by space requirements. No field wiring connections are required inside the VFD-4 assembly J-box.

The assembly is pre-wired ready for installation connection to thermostat and fan motor.

FEATURES:

- Easily installed
- Continuous fan operation
- Variable fan speeds for FCU and PTAC applications
- Ideal for retrofit and new construction projects
- Infinite fan speeds, including slower than normal
- Four built-in noise reduction configurations:
Whisper, Quiet, Standard, and Performance
- Smooth speed transitions
- Extended motor life
- Increased energy savings
- Enhanced humidity control without impacting guest comfort
- Sub-low fan speed for dehumidification
- Fewer control wires required
- VIP over-ride capability with automatic restoration
- Customer programmable parameters

SPECIFICATIONS:

High Voltage Input	120vac 20 amp
High Voltage Output	120vac 3 amp
Low Voltage input Power	12VDC regulated, 200mA

Dimensions

Single J-box configuration	4"W x 4"H x 2-1/8"D
Two J-box configuration	4"W x 4"H x 1-3/4"D each box

Operating Temp Range 40°-120° Fahrenheit

UL / FCC Approved	All line voltage components are UL and FCC approved
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