

# InstaLink™3 Gateway

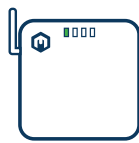
Communication Device



There are two ways to wirelessly transmit dose data from Instadose® dosimeters:



Instadose Companion Mobile App



InstaLink™3 Gateway

## InstaLink™3 Gateway

The InstaLink™3 Gateway is custom-designed for use with Instadose wireless dosimeters and ideal for facilities with multiple badges. It features a streamlined hardware and software design, enhanced security features, and robust internal detection, diagnostics, and error resolution/repair features. These features enhance the communication reliability with Instadose wireless dosimeters and offer the following benefits:

- **Compatibility:** InstaLink™3 Gateway Device supports Instadose®+, Instadose®2 and Instadose®VUE wireless dosimeters.
- **Design:** Custom built circuit board designed for reliability and high security.
- **Monitoring:** LED power and status indicators and improved website diagnostics for ease of monitoring and diagnostics.

The device can be easily mounted on the wall or ceiling. Simply determine a location within a 60-foot diameter (30-foot line of sight) of where the dosimeters are stored or frequently worn. You can mount using screws through the four keyhole-style indentations on the case (screws not included).

## LED Status Indicators

There are four LEDs on the front of the InstaLink™3 Gateway that provide a clear visual indication of the unit's status.



InstaLink™3 Gateway Status	LED 1	LED 2	LED 3	LED 4
Uploading/Transmitting Dose Data	Green	Green	Blinking Green	Off
No Power To Unit	Off	Off	Off	Off
NTP Failed	Green	Yellow	Off	Red
No Internet Access	Green	Blinking Yellow	Off	Red

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### InstaLink™3 Gateway Power Requirements

The InstaLink™3 is powered exclusively via Power over Ethernet (PoE) using a RJ45 Ethernet connector. It requires a PoE voltage of 48V and a minimum power of 15W. If your Ethernet system is not configured to support PoE, an external PoE power injector that provides power via a standard RJ 45 network cable can be purchased through a 3rd party.



PoE power injector  
(sold separately)

### Manufacturing Default Configuration

When an InstaLink™3 Gateway is received, it will have the following default configuration settings:

- **Ethernet:** DHCP with fallback to Static IP 192.168.225.250
- **WiFi:** Not configured.
- **Operating Frequency/Band:** 2402.0-2480.0 MHz
- **Device Power Input:** 48V=1A, Max PoE

### Web Browser Configuration

The InstaLink™3 Gateway can be configured using a web browser for four different scenarios:

- Ethernet with DHCP
- Ethernet with Static IP
- WiFi with DHCP
- WiFi with Static IP

### Size & Weight

- **Assembled Case:** 5 1/8" (13.12 cm) L x 1 1/8" (2.85 cm) W x 5 1/8" (13.12 cm) H
- **Assembled with Antenna:** 6 5/8" (16.82 cm) L x 1 1/8" (2.85 cm) W x 5 1/8" (13.12 cm) H
- **Weight:** 8.0 oz (.23 kg) (0.5 lbs)

### Dose Read Transmission Range

- Requires placement within a 30-foot range of dosimeters for dose reads