

InstaLink™ 3 Gateway

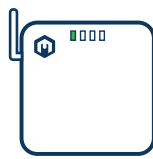
Communication Device



There are two ways to wirelessly transmit (communicate) dose data from Instadose dosimeters:



Instadose
Companion
Mobile App



InstaLink™ 3
Gateway

InstaLink™ 3 Gateway

The InstaLink™ 3 Gateway is a custom-designed communication device for use with Instadose wireless dosimeters. It features a unique hardware and software design, additional security improvements, 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.
- **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.

Mounting the device is easy. Determine a location where the Dosimeters are typically located. The optimal location should be within a 60-foot diameter (30-foot line of sight) from the wearers or the dosimeter storage area. There are four keyhole style indentations on the bottom of the case for mounting to a wall or ceiling using screws (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 Power Requirements

The InstaLink™ 3 is powered exclusively via Power over Ethernet (PoE) using the sole 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 is sold separately, that can be connected to 120v outlet and provides the power via a standard RJ45 network cable.



POE Injector

InstaLink™3 Gateway | Communication Device

Manufacturing Default Configuration

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

- **Ethernet:** DHCP with fallback to Static IP 192.168.225.250
- **WiFi:** will not be 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
- Wi-Fi with DHCP
- Wi-Fi 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)

Automatically Transmit Dose Reads

- 30-Foot Range



InstaLink™3 Gateway Status	LED 1	LED 2	LED 3	LED 4
Dosimeter Transmitting Data	Green	Blinking Green	Green	Off
Uploading Dose Data	Green	Blinking Green	Blinking Green	Off
No Power To Unit	Off	Off	Off	Off
Dosimeter Unsuccessful Transmitting Data	Green	Blinking Yellow	Green	Off
NTP Failed	Green	Yellow	Off	Red
No Internet Access	Green	Blinking Yellow	Off	Red
Network Hardware Error	Green	Off	Yellow	Red
Bluetooth® Error	Green	Blinking Yellow	Off	Blinking Red
Configuration Corrupted	Green	Off	Off	Blinking Red
High CPU Temperature	Green	Yellow	Off	Blinking Red
Network Reset In Progress	Green	Off	Blinking Green	Off
Factory Reset In Progress	Green	Off	Blinking Yellow	Off
Forced Shutdown	Green	Blinking Yellow	Blinking Yellow	Blinking Red
Temper Detection	Green	Yellow	Yellow	Red



www.mirion.com/dosimetry-services