INSTADOSE®
Communication Devices
(Transmission Methods)

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

- InstaLink™ hotspot
- InstaLink™ USB
- Instadose® Companion mobile app

INSTALINK™ HOTSPOT

The InstaLink Hotspot will listen and communicate with Instadose dosimeters that are within range to transmit dose date to Mirion secure servers where it is saved in the wearer's dose record.

A hotspot is ideal when there is a high concentration of badges (>10) stored together when not worn (e.g. badge board, locker room, etc.).

- **Size:** 5.1 x 5.1 x 2.8 in. (12.95 x 12.95 x 7.11 cm)

- **Weight:** 24 oz (0.68 kg)

- **Bluetooth® Range:**

  - In open, unshielded environments, the operational range can reach up to 50ft / 15m (devices transmitting doses must be within 50ft / 15m of the hotspot).

  - In closed, or shielded environments, the range will vary significantly based upon the physical construction of the room and any barriers.

LED Status -------- Indicator Light

- **Transmission Capacity:** approximately 10 dosimeters/badges per minute.

- **Operational Temperature Range:** Best if used and stored in indoor, room temperate environments between 50-86 °F (10-30 °C).

LED LIGHT STATUS CODES

Color & Blink Speed	What it Means
🟡 Solid yellow	Boot up started
⚪⚪⚪ Rapid white blinking	Boot up completed
🟢🟢🟢 Green blinking	All good/no errors
🔴🔴🔴 Red blinking	General, non-critical error
🔵🔵🔵🔵 Short, rapid navy blue blinking	Instadose comm. success
🟡🟡🟡🟡 Short, rapid yellow blinking	Instadose comm. failure

CONNECTIVITY CODES

Color & Blink Speed	What it Means
🔴🔴🔴🔴 Rapid pink blinking	Ethernet/WiFi Interface Problem
🔵🔵🔵 Rapid light blue blinking	Unable to get IP Address
🟣🟣🟣🟣 Rapid purple blinking	Unable to resolve DNS to Mirion
🟠🟠🟠🟠 Rapid orange blinking	Unable to get Network Time Protocol (NTP)

INSTALINK™ USB

InstaLink USB is a Bluetooth® antenna that connects (via the USB port) to any PC with internet access.

InstaLink USB is only active when connected to an internet-enabled PC with the InstaLink USB software open and the user logged in. When active, InstaLink USB will listen and communicate with Instadose dosimeters that are within range to transmit dose data to Mirion secure servers where it is saved in the wearer's dose record.

InstaLink USB is ideal for small groups (<10 badges) where periodic manual dose transmission is acceptable.

- **Size:** 2.5 x 0.75 in. (6.35 x 1.91 cm)

- **Weight:** 0.8 oz (0.02 kg)

- **Bluetooth Range:**

  - In open, unshielded environments, the operational range can reach up to 50ft / 15m (devices transmitting doses must be within 50ft / 15m of the hotspot).

  - In closed, or shielded environments, the range will vary significantly based upon the physical construction of the room and any barriers.

- **Transmission Capacity:** approximately 10 dosimeters/badges per minute.

- **Operational Temperature Range:** Best if used and stored in indoor, room temperate environments between 50-86 °F (10-30 °C)

INSTADOSE® COMPANION MOBILE APP

The *Instadose Companion* mobile app is a smart phone/tablet application software that wirelessly reads and transmits the radiation dose accumulated on Instadose+ and Instadose2 wireless dosimeters.

When within range of an internet-connected mobile device, Instadose wireless dosimeters will automatically perform a dose read at the established calendar setting. Manual reads can also be done at any time by pressing the button on the back of the dosimeter (when within range of an internet-connected mobile device that has the Instadose mobile app installed).
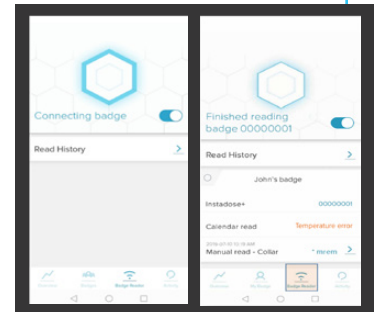
The Instadose mobile app is ideal for field technicians, staff in remote locations, and mobile wearers who do not have access to other communication devices.

APP use requires:

- Active internet connection

- Bluetooth ON

- Instadose wireless dosimeter within range (50 ft) to enable automatic calendar reads or perform manual dose reads.

Connect & Read Badges (within range) Anytime

View Current & Historical Dose Reads

View Alerts & Dose Details Immediately

MIRION TECHNOLOGIES

www.mirion.com