

Low Frequency Monitor ITK-340

- 900 MHz and Wi-Fi enabled
- Quick installation with convenient wall mounting bracket
- Can be configured and monitored by central server for superior control
- Battery-operated for plug-an-play installation – no wiring necessary
- 2+ years battery life in egress detection mode (less than 1 second update speed)
- 10+ years battery life in location presence mode (1 minute updates)

The Low Frequency (LF) Monitor is a signaling unit used with LF-enabled tags to segment zones or designate egress points. The LF Monitors create a detection “sphere”. When a tag enters the LF Monitor sphere, the tag’s LF sensor is triggered and the tag immediately reports this event to the CenTrak Location Engine.

The LF Monitors are typically used to segment zones/areas and for egress detection. The LF Monitors may be strategically placed on the floor to define zonal areas. When a tag passes the LF Monitor, the system knows it passed from one zone to another zone. In the same manner, the LF Monitors may be placed in elevator banks and stairwells to determine if a tag passed from one floor to another. An additional use for the LF Monitors involves attaching the devices under beds and/or chairs to enable bed-/chair-level location accuracy.

The battery operation and the extremely simple mounting mechanism, allow for the quick and low cost installation.



ITK-340 Low Frequency Monitor



ITA-790 Low Frequency Monitor Mounting Bracket

CenTrak, Inc.
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Low Frequency Monitor ITK-340 Technical Specifications

Operation

FCC Operating Frequency Range	2.4 - 2.5 GHz 902-928 MHz 125 KHz
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Reach

Low range	Up to 4 ft. (battery operated)
Medium range	Up to 8 ft. (battery operated)
Long range	Up to 15 ft. (power adapter)

Enclosure

Length	7.38 in (186 mm)
Width	4.75 in (120 mm)
Height	1.9 in (49 mm)
Weight	11.87 oz (.34 kg) without batteries
Mounting	Wall mounting bracket
Monitor Mounting Plate	ITA-790

Environmental

Operating Temperature	0 C to +50 C
Storage temperature	-20 C to +70 C
Operating Humidity	10-90%, non-condensing

Power

Battery type	Pre-installed Lithium D Cell (4)
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This component complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) The device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. Modifying or tampering with the transmitter's or receiver's internal components can cause a malfunction, invalidate the warranty, and will void FCC authorization to use these products. This product or its systems are covered by one or more of the following U.S. patents: 5,917,425, 7,061,428, 7,378,964, 7,619,532

L' utilisation de ce dispositif est autorisée seulement aux conditions suivantes : (1) il ne doit pas produire de brouillage et (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.