



ITDK-318 Multi-Mode Monitor



ITDK-318 Mounted to Ceiling

ITDK-318 Multi-Mode Monitor

- **CCX on Wi-Fi networks and Gen2IR™**
- Battery Operated
- Can be configured and monitored by central server for superior control
- Simple to install ceiling tile mounting bracket, no in-room wiring required

The Monitor is an IR (infrared) signaling unit used with IR-enabled tags or Multi-Mode tags to provide a method of locating tagged assets or people. Each Monitor transmits an infrared pulse pattern containing a unique location code. The Multi-Mode Monitor is different from CenTrak's standard Gen2IR Monitor because it functions in both a 900 MHz and/or Wi-Fi environment without any wiring.

About CenTrak Gen2IR™ Technology™

The CenTrak proprietary IR protocol achieves a marked improvement over conventional IR protocols that were designed for remote control applications. It provides superior resilience to fluorescent and other common indoor interference sources. Coverage zones are limited by solid physical structures such as walls; however, contrary to popular belief, IR does not need line of sight for effective communication. IR signals bounce effectively from structures and walls flood the entire room including locations that are not in direct line of sight to the monitor. The battery operation and the extremely simple mounting mechanism allows for the quick and low cost installation.

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ITDK-318 Multi-Mode Monitor Technical Specifications

Operation

FCC Operating Frequency Range	2.4 GHz (CCX on Wi-Fi networks, 802.11 b/g) 902-928 MHz
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Reach

Maximum Room Size	20' square rooms (400 square feet)
Maximum Range	Up to 60'

Enclosure

Diameter	6.5 in (165.1 mm)
Height	2.25 in (57.15 mm)
Weight	18 oz (.51 kg) without batteries
Mounting	Ceiling tile clip, wall-mount, desktop operation
Monitor Mounting Plate	ITA-352
Mounting Accessories	Various items detailed on page 3

Environmental

Operating Temperature	-20 C to +70 C
Storage temperature	-25 C to +80 C
Operating Humidity	Splash resistant or optional weatherproof case

Power

External Power	External power adapter capability – (optional) see page 3
Battery type	Pre-installed Lithium

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THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES AND INDUSTRY CANADA LICENSE-EXEMPT RSS STANDARD(S). OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION. Modifying or tampering with the transceiver'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.

ITDK-318 Multi-Mode Monitor Accessories



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Ceiling Attachments



ITA-361 Monitor Metal Ceiling Attachment (9/16 inch)



ITA-362 Monitor Metal Ceiling Attachment (15/16 inch)



ITA-363 Monitor Metal Ceiling Attachment (5/16 inch)



ITA-353 Ceiling Tile Attachment (standard)



ITA-352 Monitor Mounting Plate (standard)

Power



ITA-356 D Cell Lithium Battery (2) (for illustration purposes only)



ITA-351 Monitor Power Adapter

Enclosure



ITA-374-M Monitor Weather-Proof Protective Dome (Monitor not included)



ITA-377 Monitor Flush Mounting Plate (Monitor not included)

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