

ITDK-325 Multi-Mode Virtual Wall



ITDK-325 CenTrak Virtual Wall Monitor



ITDK-325 CenTrak Virtual Wall
shown mounted to a ceiling

- **CCX on Wi-Fi networks and Gen2IR™**
- No physical wall or curtain needed to limit area being divided
- Semi-private room separation to accurately locate an asset or person on either side of the room
- Division of bays or bed areas typically important in ER and OR Pre-Op/Post-Op settings
- Battery operated for simple installation
- Can be configured and monitored by central server for superior control
- Simple to install clip-on ceiling mounting bracket

The Multi-Mode Virtual Wall is a Gen2IR (infrared) signaling unit used with IR-enabled tags to provide a method of locating tagged assets or people for facilities that require sub-room level accuracy. Virtual Walls are geared to semi-private rooms and bays typically found in ER and OR settings. Unlike room-level monitors, Virtual Walls do not need physical walls to limit the area of coverage. It functions in both 900 MHz and/or Wi-Fi environments 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-325 Multi-Mode Virtual Wall 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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Bay Area Coverage

Maximum Room Size	14' long x 12' wide (12' high)
Minimum Room Size	8' long x 6' wide (7' high)
Wall Thickness	Up to 1'

Product Dimensions

Base Width	5.5 in (139.7 mm)
Base Length	8.5 in (215.9 mm)
Base Depth	1.5 in (38.1 mm)
Base Weight	18.5 oz (0.53 kg)
Mounting	Ceiling tile clip, above ceiling tile

Environmental

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

Power

Battery type	Pre-installed 2xD Lithium (Extra battery pack available).
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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-325 Multi-Mode Virtual Wall Accessories



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Ceiling Attachments



ITA-371 VW Monitor
Ceiling Attachment
(9/16 inch)



ITA-372 VW
Monitor Ceiling
Attachment (15/16
inch) Standard



ITA-373 VW
Monitor Ceiling
Attachment
(15/16 inch) Long

Power



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



ITA-357
2D Cell Lithium
Batteries in
Pack for VW
Monitor (2
pack)



ITA-365 VW Monitor & Battery Pack Connector Cable (1 pack)

ITA-367 VW Monitor & Battery Pack Connector Cable (2 pack)



ITA-359
IR Regenerator
VW Monitor

IR Blocker



ITA-366 VW Monitor IR
Blocker – 4 inch

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