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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Locating Efficiencies in Healthcare™

ITDK-325 Multi-Mode Virtual Wall
Technical Specifications

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Operation

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

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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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-359 IR Regenerator VW Monitor

ITA-365 VW Monitor & Battery Pack Connector Cable (1 pack)
ITA-367 VW Monitor & Battery Pack Connector Cable (2 pack)

IR Blocker

ITA-366 VW Monitor IR Blocker – 4 inch

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