

ADAPPT - Key Product Specification

ADAPPT DESK SENSOR (AS-WON)

Desk Occupancy Sensing

Especially useful for spaces that are coworking, unassigned or activity-based, our desk sensors collect information on the usage of desks to provide granular visibility of desk utilization.

Temperature & Humidity Sensing

Our desk sensors can also be calibrated to measure temperature and humidity. The temperature sensors can help identify hotspots in the building and the humidity sensors can help to identify improvements that need to be made to HVAC controls.



ADAPPT Density Sensor (AD-WDS)

People Counting

Adappt's people counting sensors are placed above entrances/ doorways to office spaces to count the number of people in a space. People counting sensors can be used to take attendance, understand traffic flow, etc.

Meeting Room Counting

People counting sensors are placed in meeting rooms to measure occupancy levels and actual usage. Customers can use these insights to resize conference rooms and/or to increase availability of rooms for employees.



ADAPPT HOST (AD-HS)

Gateway for Sensors

Intermediary device between ADAPPT Server and the ADAPPT Control Network

Aggregates wireless traffic (IEEE 802.12.1) between network of Sensors and Server by TCP/IP Network.

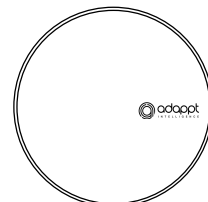
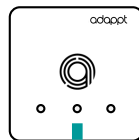
Each Host sends and receives data for up to 65,000 individual sensors.

Wiring and Operation

One or more unit may be deployed on each floor to relay information between the sensors and the server.



Product Specification



	DESK SENSOR	DENSITY SENSOR	RANGE EXTENDER	HOST
Model No	AS-WON	AD-WDS	AD-WEXT	AD-HS
Physical Specification				
Dimension (mm)	97 W x 97 D x 30 H	105 W x 105 D x 28 H	105 W x 105 D x 28 H	205 W x 205 D x 37 H
Weight (g)	165	170	170	225
Enclosure Material	Recyclable ABS			
Power Specification				
Power Input Interface	Micro USB	Micro USB	Micro USB	Micro USB
Power Output for looping Interface	USB - A Type	N/A	N/A	N/A
Power Consumption	<2W	<2W	<2W	5W
Power Adapter Dimension w/o Plug Module (mm)	28 W x 46 D x 46 H			
Power Adapter Compliance	UL Listed, CE, FCC, RoHS			
Power Input	AC-100-240V 50-60Hz 1.3A			
Power Output	5.00V --- 2000mA			
Power Adapter Efficiency	VI			
Technical Specification				
Physical Network Interface	N/A	N/A	N/A	RJ45 x 1
Motion Sensing Type	Digital Passive IR	Digital Passive IR	Digital Passive IR	-
Operating Temperature	0°C - 50°C			
Radio Frequency	2400 - 2483.5 MHz			
Network Protocol	IEEE 802.12.1			
Wireless Range	30 meters			
Open Range Encryption	AES – 128			
Compliance	FCC, MIC, CE			
Packing Detail				
Packing Part	Mounting Plate x 1 Wire Harness x 2	Surface Mount Kit x 1 Flush Mount Kit x 1	N/A	N/A
Power Adapter	Optional	Included	Included	Included

