



Trident™ Smart Base Station Series Specifications



THE **DETECTION** GROUP
Wireless Water Leak Detection

A **WATTS** Brand

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415-941-5325 (LEAK)

Technical Data

Part Number: DT-550, DT-550 L, DT-550 M

Dimensions: 6.3"L × 4.3"H × 1.7"W

Power Supply Output: 5 Volts, 4 Amps

Power Supply Input: 110-120 VAC, 50-60 Hz, 0.4 Amps

Operating Temperature: 50°-122° F (10°-50° C)

Battery Backup: 3.7 Volt LiPo (Lithium Polymer) Rechargeable Battery

Battery Operation: Up to 4 hours

Communication Options: Ethernet, Wi-Fi, LTE+ Cellular Back-Up

Communication Option: LTE+ Cellular Operating Frequency: RF (sub -1000 MHz)

Health Reporting Frequency: Every 60 Seconds

Mounting Method: Screw-mounted, 3 × 0.2" size screw holes

Certifications: UL Listed (adapter), FM Approved, FCCID: 2AK4V-DT550

Contains Module 2AK4V-DT-450

The number of sensors may vary if valve controllers are also on the same network.
For design purposes, one valve controller = 12 wireless sensors on that network.

Part #	DT-550	DT-550-L	DT-550-S
Product Name	Smart Base Station (SBS)	Smart Base Station Lite (SBS Lite)	Smart Base Station Starter (SBS Starter)
Max # Hubs	15	0	0
Endpoint Capacity	Up to 400 Sensors OR 100 Valve Controllers	Up to 20 Sensors and 5 Valve Controllers	Up to 5 Sensors and 1 Valve Controller
Uses	Large Buildings, commercial real estate, hospitals, new construction	Retail spaces, dentist or medical office, campus building, mechanical rooms, partial building coverage	Small tenant suites, mechanical rooms, apartment units
Max Square Feet	1.0 MMSF	40 KSF	10KSF
Max # Floors	30	3	1
Expandability	-NA-	Can be upgraded to full SBS	Can be upgraded to either SBS Lite or full SBS
Connectivity	Ethernet, Cell (4G LTE), or Wi-Fi	Ethernet, Cell (4G LTE), or Wi-Fi	Ethernet, Cell (4G LTE)

Trident System Smart Base Station Dimensions

