

## Trident™ System Smart Base Station Specifications DT-500



**THE DETECTION GROUP**  
*Wireless Water Leak Detection*

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### Technical Data

**Part Number:** DT-500

**Dimensions:** 9.4"L x 7.4"H x 2.1"W

**System Capacity:** Up to 400 Sensors\*, 100 Critical Sensors, 20 Hubs

**Power Supply Output:** 5 Volts, 4 Amps

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

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

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

**Battery Operation:** Up to 4 hours

**Primary Communication Connection:** Ethernet

**Back-Up Communication Option:** GSM Cellular

**Operating Frequency:** RF (sub -1000 MHz)

**Health Reporting Frequency:** Every 60 seconds

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

**Certifications:** FM Approved, UL Listed (adapter), FCC #2AK4V-DT-500

\*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.

# Trident System

*The next generation in commercial wireless water leak detection*

## Trident System Smart Base Station Dimensions

