

The TempGenius Data Server (TDS) is the central point of contact for receiving, logging, and alerting. The TDS makes alerting decisions sensor-by-sensor while storing months of records and sending alerts - *without a separate computer*. The TDS is an important part of what makes TempGenius alerts and data logging reliable. The TDS communicates with the Database via numerous protocol options. The TDS control unit has memory retention and UPS options for continued operation in power out conditions. The TDS is fully configurable, both locally and remotely, allowing changes while deployed.

The TDS is the most fail safe, cost effective, and flexible receiver platform on the market.

SPECIFICATIONS

TempGenius Specifications	TDS-HP / TDS-HR / TDS-D
Network Connection / Protocol	RJ45 Ethernet / TCP/IP & UDP
Connection Speed	10 Half or Full Duplex
Memory / Data Buffer	40,000 Readings
Frequency Options	900MHz, 923MHz, 1.2GHz, 418MHz, 433MHz, 2.5GHz
UPS	350VA (Optional)
Antenna	3DB Whip RSMA Connector
Transmit Power	No Transmit Function
Data Base Link	Outbound TCP/IP Push
Connection Features	
Email Server	Included / Fail Safe Contact
Web Diagnostics	Included
System Configuration	Retained Onboard
Alert Dispatch	Initiated by Onboard Logic
Data Type	Secure Proprietary Packet
Security Login	Two Tier
Hardware Specifications	
Dimensions	3" X 3" X 1.2"
Body Material	Polycarbonate Resin
Operating Temperature Range	-40 to 90 Celsius
Weight	8 oz
Power Source Requirement	9-20VDC 500MA+
Power Supply Provided	9VDC 600MA
Warranty	1 Year Limited Warranty
Mounting Options	Wall, Flush, or Counter

