

NT-550MIL SMART NETWORK THERMOSTAT



ABOUT

The NT-550MIL is an advanced intelligent network thermostat that is ready for deployment in the harshest marine operating environments. The NT-550MIL connects with a Cat-5 Ethernet cable for traditional installation. It is enclosed in a MIL-SPEC aluminum housing and meets military standards for shock, vibration, and electromagnetic interference.

Additionally, the NT-550MIL supports three external wired sensors which can be used to sense temperature or dry contact closures from external equipment. Each of these sensors can provide independent alarms via email or text message notification when pre-set threshold conditions are exceeded. Two independently scheduled auxiliary relays are also supported to enable customers to control additional equipment.

FEATURES

- Rugged MIL-SPEC aluminum housing
- Dual stage, compatible with fossil fuel and heat pump (w/aux heat) systems
- Adjustable setpoint deadband
- Passcode protected keypad lockout
- 4 Temperature periods per day
- 2 Daily schedule profiles
- Five year scheduling

Product Capability

- 3 External Input Sensors
- Thermistor temperature
- Dry contact closure
- Aux relay outputs (2 max)
- Time of day activation
- Humidification Control
- Zone alarm threshold activation

Network Capability

- Wired ethernet connectivity
- SSL password authentication & connection encryption
- SMTP client
- Email & text messaging
- Alarm notifications
- Static DHCP addressing
- Settable gateway address/address mask
- Selectable HTTP ports
- Supports Class A, B, C, IP addressing

Environmentals

Operating temperatures	-10°C to +40°C
Humidity	10% to 95% Humidity, Non-condensing
Weight	1.75 lbs.

Certifications

Shock	MIL-S-901D
Vibration	MIL-STD-167-1
EMI	MIL-STD-461F
Enclosures	MIL-STD-108E
Shipboard Equipment	MIL-STD-810G
Electrical Current, AC	MIL-STD-1399 section 300B