



IntelliTEMP 900™

A next generation programmable digital thermostat, IntelliTEMP 900 offers the unmatched flexibility and capability to reduce kWh usage by user-defined time and temperature setbacks and/or price signal responses.

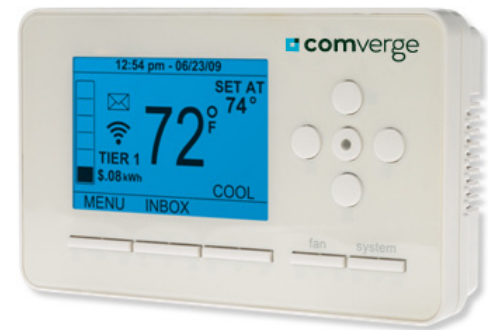
IntelliTEMP 900

The next generation of programmable, communicating thermostats.

The IntelliTEMP 900 offers multiple configurations to support varying levels of control – from one-way communications to two-way communications for HVAC systems. Comverge's adaptive cycling technology monitors the HVAC operation and control cycles using percentage-based commands. This helps to eliminate "free riders" and enables greater load reduction and more equitable control across customers. The IntelliTEMP 900 offers a variety of control strategies: cycling, temperature setback, temperature setpoint, or price-response operations based on tier or price signal. For maximum communication flexibility, a second communication slot (USNAP form factor) is available to add or swap in a new communication module such as ZigBee.

Features

- Flexible control strategies (adaptive cycling, temperature setback or TOU/ CPP/ CPR)
- Flexible communication technology with built-in paging receiver plus a second communication module slot
- Large full dot matrix high resolution in-home LCD display to support display of pricing, consumption, and messaging
- Compatible with Smart Meters to show energy usage, current price, and more
- Proven design with +/-1 degree accuracy
- Meets ENERGY STAR requirements
- Broad compatibility with HVAC systems including multi-stage systems
- Full seven day, four interval programming
- Profiling/event logging to log thermostat operations and system events that can be used for diagnostic purposes or data mining
- Configurable override



- Audible alert option
- Web programmability
- Firmware upgrade

Key Specifications

- 3.11 in. x 4.48in. x 0.94in
- RoHS compliance
- Large backlit LCD display; screen type: FSTN positive
- LED indicator (green, amber, red)
- Operating environment: 7°C - 31°C at 0 - 90% humidity (non-condensing)
- Requires 24 VAC hardwire power

Communication Options

- VHF paging receiver built-in
- Removable communication module
 - ZigBee Smart Energy Profile v1.0
 - Wi-Fi
 - Other communication technologies

Corporate Offices

Georgia
5390 Triangle Parkway
Suite 300
Norcross, GA 30092

Colorado
11001 West 120th Avenue
Suite 240
Broomfield, CO 80021

New Jersey
120 Eagle Rock Avenue
Suite 190
East Hanover, NJ 07936

Pennsylvania
511 Schoolhouse Road
Suite 200
Kennett Square, PA 19348