

4HomeMedia

Home ControlPoint 1000™

"Your NGN CPE Solution Provider"



- ◆ **Broadband Services Appliance** — embedded Linux device containing 4HomeMedia's ControlPoint software
- ◆ **Entertainment Control** — provides ability to control all digital media and entertainment center components
- ◆ **Home Control and Monitoring** — allows consumer to monitor and manage lights, HVAC systems & thermostats, IP cameras, motion detectors, access contacts (doors, windows, and garage doors), shades & blinds, lawn & garden devices, white goods, and a variety of other home appliances
- ◆ **Web-services support** — offers the ability to integrate third party Web-based applications and services into 4HomeMedia's unified user-interface (UI)
- ◆ **Multiple and simultaneous Protocol support** — system runs in a seamless manner on top of a variety of underlying protocols including TCP-IP, Echelon LonWorks, IEEE 1394, and various wireless protocols such as Z-Wave
- ◆ **Best-in-class User Experience** — the ControlPoint 1000 provides an unrivaled user experience on browser-connected device throughout the home and remotely; Customizable for any brand identity
- ◆ **Local and Remote Control** — control devices and applications in the home or place-shifted; remote control via your Smartphone or browser
- ◆ **Alerts and Messaging** — setup alerts and messaging (or agree to 4HomeMedia "Virtual Integrator" suggestions) to email, IM client, mobile phone (SMS), Smartphone (Flash-browser application), or PC (sys tray); control your home using these same mechanisms



4HomeMedia Home ControlPoint 1000

Winner: Consumer Electronics Association's "Best of Innovations" CES 2007 for Integrated Home Systems

Total Home Control & Monitoring

- ◆ **Integration-in-box** — One box in the home changes the nature of the "home control" from a complicated set of expensive components, days of set-up, and proprietary systems to a state-of-the-art, open systems, easy-installation and usage, plug-and-play, and friendly proposition
- ◆ **Award-winning reference design** — Ready for private-labeling and immediate deployment by OEMs

Easy Setup and Configuration

- ◆ **Tri-positional hardware** — can be placed horizontally, vertically (using accompanying stand), or wall-mounted
- ◆ **Auto-Discovery and presentation** — system auto-discovers devices and presents them pre-configured into the user-interface
- ◆ **Set-up and Configuration Wizards** — during set-up and throughout the life of the product, built-in wizards will allow configuration of new devices and service additions as well as incorporate tips and tricks for the most effective product usage
- ◆ **Comprehensive Contextual Help System** — every screen, across any supported UI, has help screens focused on usability and next step options

Unrivaled User eXperience (UX)

- ◆ **Comprehensive UI** — creates a unified and consistent user interface for all networked devices in the home via a patent-pending, XML-based architecture
- ◆ **Context-based UI** — the system provides a personalized UX by taking into account whom the user is, where the user is located, what the user is trying to do and when; each member of household decides what is most significant to them and customizes the UI according to their personal preferences; screen clutter, irrelevant items, and navigation confusion eliminated
- ◆ **Pervasive and Consistent UI** — A consistent look-and-feel is presented on the TV, the home computer, touch-panels & tablets, and your mobile phone — all simultaneously

Home ControlPoint1000

When used in conjunction with the 4HomeMedia.Net™ services portal:

Affordable and Low Total-Cost-of-Ownership (TCO)

- ◆ **Break-through price point** — enables efficient / high-volume deployments
- ◆ **End-to-end simplicity** — from set-up, through usage, to system expansion
- ◆ **Virtual Integrator™** — provides best-in-class remote diagnostics and maintenance

“Virtual Integrator” Remote Diagnostics and Maintenance

- ◆ **Remote Login by a technician** — user can enable a remote technician to “virtually enter” the home and take over the system
- ◆ **Remote Maintenance** — integrated and powerful support for software downloads, system and end-point device diagnostics, and preventive maintenance
- ◆ **Proactive Alerts** — ability to enable the system to send alerts to call center technicians for preventive health of system and home
- ◆ **Macros** — technicians, or family and friends, can send/leave behind snippets of functionality

Optional Subscription Services

- ◆ Advanced Home Monitoring and Control
- ◆ Digital Media Management
- ◆ Energy Management (requires Echelon / LonWorks modules or appliances)
- ◆ Independent Living (requires certain health-related sensors)

TECHNICAL SPECIFICATIONS

Connections

- ◆ One (1) 10/100 RJ-45 Ethernet ports
- ◆ Four (4) USB 2.0 host ports
- ◆ Two (2) 1394 (Firewire) ports
- ◆ One (1) power jack (supports external power brick)

Buttons & LED's

- ◆ One (1) pinhole reset button
- ◆ Four (4) LED's on the front panel

Power: indicates power is on/off

Network: indicates local network integrity

Broadband: indicates connection to 4HomeMedia.Net server via the Internet

Messages: indicates messaging activities and alerts

Communication Protocols

- ◆ TCP-IP via Ethernet (802.3) 10/100base-T
- ◆ Echelon LonWorks (ANSI/EIA709.1) powerline networking
- ◆ IEEE1394 (IPv4 over 1394, RFC 2734)
- ◆ Wireless Z-Wave mesh networking
- ◆ Wireless ZigBee (802.15) mesh networking

Modular Architecture

- ◆ ControlPoint 1000 is equipped with two Mini-PCI slots for flexibility and expandability

Device Auto-discovery Mechanisms

- ◆ UPnP (Universal Plug-and-Play) for CP discovery
- ◆ Echelon ISI (Interoperable Self-Install over powerline)

Power Requirements

- ◆ 120 to 240 VAC, 50 or 60 Hz

Dimensions

- ◆ L x H x W: 6.75" x 7.32" x 1.28" (171.6 x 186 x 32.4 mm) Add 4.33" (110 mm) to height for the antennas if wireless present
- ◆ Weight: 1.1 lbs (0.50 kg)

Environmental Requirements

Operating (System Ambient)

Temperature

- ◆ 0° C to 40° C

Altitude

- ◆ -197 to 7,000 feet

Relative Humidity

- ◆ 8% to 95% non-condensing

MWB

- ◆ 23° C

Shipping and Storage

Temperature

- ◆ -25° C to 65° C

Altitude

- ◆ -197 to 7,000 feet

Relative Humidity

- ◆ Low humidity for low temperatures, 90% at 45° C, 30% at 65° C

MWB

- ◆ 29° C

Suggested Accessories to Include:

- ◆ One (1) Ethernet cable (6')
- ◆ Antennas (only if configured for one or more wireless protocols)
- ◆ One (1) stand (for optional vertical orientation)
- ◆ One (1) external power supply (10W)
- ◆ One (1) quick installation guide

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