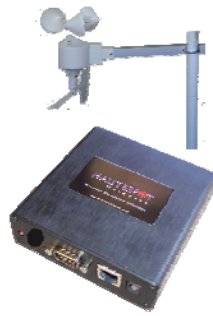


HR-IXPWINDi Internet Weather Station Appliance

Features

- ✓ Stand Alone Internet Appliance for Weather Monitoring. No PC required.
- ✓ Always on operation
- ✓ Plug and play operation with any broadband network. Uses DHCP and Dynamic DNS to self configure.
- ✓ Can be directly attached to broadband router
- ✓ Can be wireless 802.11a/b/g client to any wireless broadband router
- ✓ Compact, attractive enclosure
- ✓ Reliable and secure on-board flash for booting the HauteRoute OS™ operating system
- ✓ Simple to configure browser management interface
- ✓ Easy to install and configure. Simple bell wire connection between the appliance and the roof mounted sensors
- ✓ 10/100 Base-TX Ethernet port (with auto MDI/MDIX)
- ✓ Reverse voltage and transient protection
- ✓ 6W typical operating power
- ✓ 0°C to 70°C operating temperature
- ✓ 0 to 90% Operating Humidity
- ✓ Complete weather monitoring solution
- ✓ Integrates with Weather Underground



Complete Internet weather station solution. Wired or wireless connection to any existing broadband router.

The HauteWind HR-WINDi Internet Weather Station is a complete, turnkey solution for weather monitoring. Combining high performance broadband networking, full feature application support including Web server, and a variety of weather sensors, this is the perfect solution for weather data gathering at home, school or office.

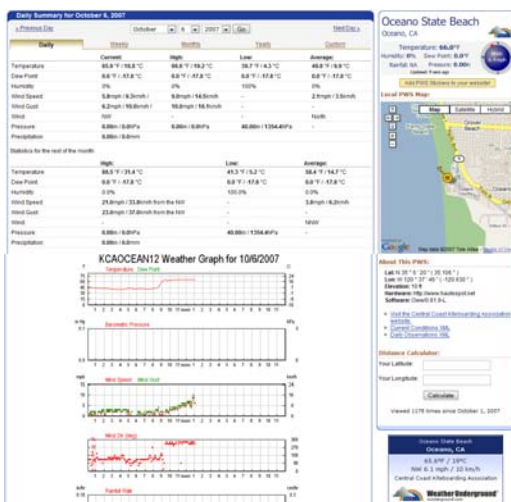
Just attach the HauteWind HR-IXPWINDi controller to your broadband router via Ethernet or 802.11a/b/g "WiFi", install the weather sensors on your roof or other convenient location, connect up the 2 wire cable (not provided) between the sensor and the controller, and you are ready to publish the weather conditions from your location to the Internet.

The HauteWind HR-IXPWINDi Internet Weather Station monitors the attached sensors 24 hours a day, 7 days a week. No dedicated PC is required. The HauteWind HR-WINDi is fully self contained.

Real time weather information from the HauteWind HR-WINDi can be pushed to either Weather Underground, HAM Weather, or Citizen Weather Observer Program, a device independent client application, or can be easily pulled into any web site for public or private access. The data can also be viewed privately through the integrated web server built into the HauteWind HR-WINDi Weather Station.

No longer must you dedicate a computer to your Internet weather monitoring system. This complete appliance solution eliminates the need for any external equipment. All that is required is an existing broadband Internet connection. Everything else is included.

The integrated 802.11 a/b/g client adapter allows the HauteWind HR-WINDi to connect to any standard access point. This allows the HauteWind HR-WINDi to connect wirelessly to your home broadband connection or to be used in any location where "WiFi" is available, including public access locations such as schools, coffee shops and bookstores.



Weather Statistics Interface

Processor Board Hardware Features:

- Intel XScale IXP Network Processor
- 10/100 Base-TX Ethernet Ports (with Auto MDI/MDIX)
- On-board, non-removable, secure flash storage
- 802.11a/b/g client adapter
- RS-232 Serial Port for sensor connections
- Watch-Dog Timer
- Wide Input Voltage (9 to 24VDC)
- Supports Power Over Ethernet (PoE)
- 90-240VAC power supply included
- 0°C to 70°C Operating Temperature
- Automatic NAT/Firewall configuration to support IP cameras

Environmental Monitoring Functions:

- Temperature
- Wind Speed and Direction
- Optional Sensors for:
 - barometric pressure
 - rain gauge
 - relative humidity,
 - gamma radiation
 - soil acidity
 - soil moisture
 - battery level
 - fuel level

Ordering Information

HR-IXPWINDi – indoor system with low power 802.11a/b/g client adapter

Outdoor Wireless Weather Station Systems also available (see separate data sheet)

- HR-IXPWIND-9** – 900MHz remote weather station
- HR-IXPWIND-2** – 2.4 GHz remote weather station
- HR-IXPWIND-4** – 4.9 GHz remote weather station (For sale to Law Enforcement or export only)
- HR-IXPWIND-5** – 5GHz remote weather station

Options:

- WA-Barometer** – barometric sensor option
- WA-Rain** – rain gauge sensor option
- WA-TempHumidSolar** – additional temperature, relative humidity and solar radiation sensor option
- WA-SerialAD** – replacement sensor adapter

All wireless systems require a base station unit operating on the same frequency which is connected to an always on Internet connection. For ordering information and assistance, call HauteSpot Networks.

Electronic components warranted for 1 year.

The HauteWind HR-WINDi Internet Weather Station is a small form factor solution, which allows for it to be placed in a variety of locations. It is only 4 inches square and can be tucked away in your phone closet or where ever you keep your broadband router.

The HauteWind HR-WINDi Internet Weather Station draws less than 10 Watts and can be powered by optionally available solar/battery systems, vehicle power or standard AC power.

For schools, clubs or businesses, this is the perfect solution for providing real time, web accessible weather reporting. Provided Weather Underground integration allows anyone, anywhere to see your weather conditions, without delay.

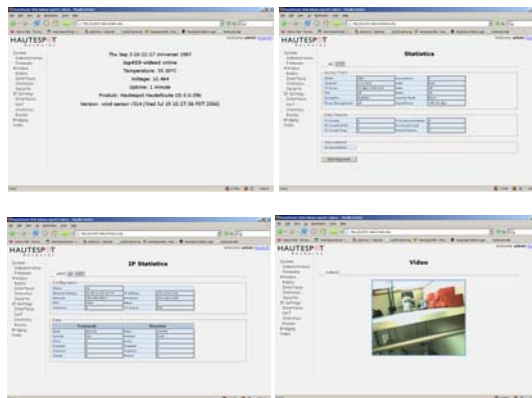
All of the features of the HauteWind HR-WINDi Internet Weather Station can be managed through a simple Web interface, accessible through any browser.

The HauteWind HR-WINDi Internet Weather Station fully supports IP cameras too. Just attach an IP camera to the Ethernet port, set the IP address, and the HauteWind HR-WINDi Internet Weather Station will self configure a firewall and port forwarding to support your camera. The HauteWind HR-WINDi Internet Weather Station can act as a wireless client bridge to your IP Camera, allowing placement of the camera anywhere within range of your 802.11a/b/g access point. You can also overlay the weather readings from your sensors onto your IP camera image including branding and other text data.

The integrated Wind Direction and Speed Sensor, and Temperature Sensor are all readable from within the web interface.

Additional sensors for barometric pressure, battery life, solar radiation, leaf moisture, gypsum soil sensor and others are available for custom integration.

Sample Management Interface



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