

Features & Specification For Room Alert 32W

Hardware

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|--|---------------------------------------|
| ID Box Model / Rack Model | RA32W |
| ID Box Dimensions | 1.75" H x 3.75" D x 19" W |
| ID Box Weight | 4 lbs, 11.6 oz |
| ID Box Color | Red |
| Rack Mounted Model | Included (Standard) |
| Rack Mounted Size (1U 19") | 1.75" H x 3.75" D x 19" W |
| Rack Mounted Weight | 4 lbs, 11.6 oz |
| Rack Mounted Color | Red |
| Rack Mounting Kit Available Separately | Included (Standard) |
| Wall Mounting Kit Available Separately | Included (Rotate Wings) |
| Ceiling Mounting Kit Available Separately | Included (Rotate Wings) |
| Operating Temperature | -40 to 185 F (-40 to 85 C) |
| Operating Relative Humidity (Non-Condensing) | 5% - 85% RH |
| Power Source | 5 VDC 2A Adapter (Included) |
| Power Over Ethernet (PoE) | Yes (IEEE 802.3af) |
| Power Compatibility | 110/240 VAC, 50/60 Hz, RoHS |
| Power On/Off Switch | Yes |
| Built-In Uninterruptible Power Supply (UPS) | Yes |
| Mini UPS (MUPS) Compatible, Upgrade Cost | Yes, \$85 |
| MUPS Status Indicator (Red Battery / Green AC) | Yes |
| PoE & WLAN Activity Indicators (LED) | Yes, Yes |
| International Power Adapter Provided | Yes, Specific For Destination Country |
| Reset Button (Restore To Default Settings) | Yes |
| 0-5V Analog Sensor Input | Yes, 2 Ports |
| External Relay Outputs | Yes, 2 Ports (0.3A@125VAC / 1A@24VDC) |
| External Light Tower & Relay Adapter Connection Port | Yes, 2 Ports |
| External Light Tower, Cable & Mounting Bracket | Optional |
| External Light Tower or Relay Switch Sensor Port | Yes, 2 Ports |
| External Light Tower & Power Adapter Port | No |
| Ethernet Port & Speed | RJ-45, 10/100 Mbps BaseTX |
| Ethernet Link & Activity Indicator | Yes |
| Ethernet Cable (Included) | 10', Red, Snagless |
| Wi-Fi Enabled | No |

Web Server (Built-In)

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|--|----------------------------------|
| Standalone Capability (No PC Required) | Yes |
| Built-In Web Server | Yes |
| Web Browser Interface | Yes |
| Password Protected | Yes |
| Built-In Web Server Alert Methods | Email, SMS, SNMP, Web |
| Built-In Web Server Alert Recipients | Individuals, Groups, Hierarchies |
| Built-In Ping Capability | No |
| Graphic Sensor Status Displays | Yes |
| Real-Time Digital Temperature | Yes |
| Temperature Values Displayed | Yes, Fahrenheit or Celsius |
| Temperature High / Low Watermarks Displayed | Yes |
| Real-Time Digital Humidity | Yes |
| Humidity Values Displayed | Yes, % Relative Humidity |
| Humidity High / Low Watermarks Displayed | Yes |
| Heat Index Calculated & Displayed | Yes, Fahrenheit or Celsius |
| Real-Time Values In Alerts | Yes |
| Easy Click Firmware Updates | Yes |
| SNMP Enabled (Trap & Query) | Yes |
| Compatible With SNMP Monitoring Applications | Yes |
| Real-Time Logging Of Sensor Data Via... | Device ManageR & SNMP |
| Real-Time Sensor Data Feeds | HTTP, SNMP, JSON, AJAX |
| MIB Files Available | Yes, Download |

Digital Sensors (Internal & External)

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|---|---|
| Digital Sensor Compatibility | Temperature, Outdoor Temperature, Fluid Temperature, Temperature & Humidity, Temperature & Analog |
| Built-In Digital Sensors (Internal) | Temperature, Humidity |
| Digital Sensor Ports (External) | 8 RJ-11 |
| Digital Sensor Capacity (Total) | 8, 30 via wireless |
| Digital Temperature Sensors (Included) | 1 Internal, 1 External, 1 Wireless |
| Digital Temperature Sensor Range | -67 to 257 F (-55 to 125 C) |
| Digital Temperature Sensor Accuracy | + / - 0.125 |
| Digital Humidity Sensors (Included) | 1 Internal, 0 External |
| Digital Humidity Sensor Range | 5% to 95% RH |
| Digital Humidity Sensor Accuracy | + / - 3.5% |
| Digital Sensor Cable Type & Standard Length | RJ-11 Cable, 25' |
| Maximum Digital Sensor Cable Length | Approximately 100' |
| Digital Sensor Alert Indicator (LED) | |

Yes

Switch Sensors (Internal & External)

| | |
|--|------------------------------------|
| Switch Sensor Contact Sets (External) | 16 On Back Side, 1 Via Wireless |
| Switch Sensor Capacity | 16, 10 via wireless |
| Built-In Switch Sensors (Internal) | Power |
| Power Sensor | 1 Internal Included |
| Mini UPS & Power Sensor | Internal |
| Flood Sensor | Optional |
| Smoke Sensor | Optional |
| IP Camera With Motion Sensor | Optional |
| Air Flow Sensor | Optional |
| Room Entry Sensor | Included |
| Panic Button | Optional |
| Other AVTECH Sensors (See Website) | Optional |
| Dry Contacts (On Other Sensors or Devices) | Air Conditioner, UPS, Cooler, Etc. |
| Allows Multiple Sensors On Single Channel ** | Yes, Via Chain or Spoke ** |
| Switch Sensor Cable Type & Standard Length | 2 Wire Cable, 25' |
| Maximum Switch Sensor Cable Length | Approximately 900' |
| Switch Sensor Alert Indicator (LED) | Yes |

Wireless Sensor Hubs

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|---|--------------|
| WiSH Sensor Compatible (Powered or Battery) | Yes |
| WiSH Units Included | 1 |
| WiSH Communication Range (Distance) | 250' Maximum |
| WiSPR Sensor Compatible | Yes |
| WiSPR Units Included | 0 |
| WiSPR Communication Range (Distance) | 350' Maximum |
| Maximum WiSH/WiSPR Capacity (Quantity) | 10 |
| WiSH Signal Strength Indicators (LED) | Yes |
| Wireless Sensor Alert Indicator | Yes |

Bundled Device Manager Software

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|---------------------------------|---------------------------|
| Device Manager Software License | Full Use License Included |
|---------------------------------|---------------------------|

* **NOTE:** This 'Does Not Apply' to this product.

** **NOTE:** The process of 'Chaining' or 'Spoking' multiple switch sensors together is sometimes possible although not recommended by AVTECH. There is no individual sensor alerting when multiple sensors are 'Chained' or 'Spoked' from a single

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