



Data Center Monitor

Safeguard your data center against outages with advanced environmental monitoring.



We've got data centers covered.

Safeguard your critical data center infrastructure from environmental threats by continuously monitoring temperature, humidity, power, water leaks, and other vital factors. With easy installation, user-friendly interfaces, and customizable alerts, the Data Center Monitor ensures compliance with industry standards and provides peace of mind for your organization. For more information and specifications, please visit RoomAlert.com.



RoomAlert
We've got this.

AVT-241112.02

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Room Alert 32S Technical Specifications

14" / 355.6mm



1.75" /
44.45mm



| Feature | Description |
|-----------------------------------|---|
| Internal temperature sensor | <p>Condition monitored Indoor ambient temperature</p> <p>Type Digital</p> <p>Range -40 to 185 F (-40 to 85 C)</p> <p>Accuracy +/- 2° C</p> <p>Resolution 0.03125° C</p> <p>Readings Numeric values in Fahrenheit or Celsius</p> |
| Internal humidity sensor | <p>Condition monitored Indoor relative humidity (RH), non-condensing</p> <p>Type Digital</p> <p>Range 5% - 85% RH</p> <p>Accuracy +/- 4.5% RH at 5 to 59% RH +/- 6.5% RH at 60 to 95% RH</p> <p>Resolution 0.333% RH</p> <p>Readings Numeric values in % RH</p> |
| Internal power sensor | <p>Condition monitored Power status of the Room Alert 32S</p> <p>Type Switch</p> <p>Range Open/Closed</p> <p>Readings "Battery power"/"Main power"</p> |
| External sensor & accessory ports | <p>8 digital sensor ports (RJ-11)</p> <p>16 switch sensor ports (screw terminal blocks)</p> <p>2 analog sensor ports (screw terminal blocks)</p> <p>2 relay output ports (screw terminal blocks)</p> <p>2 Light Tower & Relay Adapter ports (RJ-11)</p> |
| Power & connectivity ports | <p>1 5V barrel-connector power jack</p> <p>1 RJ-45 Ethernet port (PoE-enabled)</p> |
| Power supply | <p>AVTECH 5V power adapter (100/240 VAC, 50/60 Hz, RoHS) or PoE (IEEE802.3af compliant)</p> |
| Dimensions | <p>Height 1.75" / 44.45mm</p> <p>Depth 3.75" / 95.25mm</p> <p>Width 14" / 355.6mm (without rack-mount wings) 19" / 482.6mm (with rack-mount wings)</p> |
| Weight | <p>2.81 lbs (with rack-mount wings)</p> |
| Operating tolerances | <p>Temperature -40 to 185 F (-40 to 85 C)</p> <p>Humidity 5% - 85% RH, non-condensing</p> <p>Do not place Room Alert monitors inside refrigerators/freezers—these are condensing environments.</p> |