



Room Alert® “Quick Compare”

Room Alert® Model	3 Wi-Fi	3E	4E / ER	12E / ER	32E
Product # - Standard Model (Includes Wall Mount)	RA3W-ESO-BAS	RA3E-ESO-BAS	RA4E-ES1-WAS	RA12E-TH1-WAS	RA32E-TH1-RAS
Product # - Rack Model	N/A	N/A	RA4E-ES1-RAS	RA12E-TH1-RAS	RA32E-TH1-RAS
List Price (Standard / Rack)	\$165	\$185	\$395 / \$425	\$595 / \$625	\$945
Rack Mounted Size (1U 19")	N/A	N/A	1.75" H x 3.75" D x 19" W	1.75" H x 3.75" D x 19" W	1.75" H x 3.75" D x 19" W
Power Over Ethernet (PoE)	No	Yes, IEEE 802.3af	No	Yes, IEEE 802.3af	Yes, IEEE 802.3af
Wi-Fi	Yes	No	No	No	No
Built-In Uninterruptible Power Supply (UPS)	No	No	No	No	Yes
Reset Button (Restore To Default Settings)	Yes	Yes	No	Yes	Yes
Built-In Digital Sensors	Temperature	Temperature	Temperature	Temperature	Temperature & Humidity
Digital Sensor Ports	1 RJ-11	1 RJ-11	2 RJ-11	3 RJ-11	8 RJ-11
Temperature Sensor Range (External)	-67 to 257 F (-55 to 125 C)	-67 to 257 F (-55 to 125 C)	-67 to 257 F (-55 to 125 C)	-67 to 257 F (-55 to 125 C)	-67 to 257 F (-55 to 125 C)
Temperature Sensor Accuracy	+ / - 2 C	+ / - 2 C	+ / - 2 C	+ / - 2 C	+ / - 2 C
Humidity Sensor Range	5% to 95% RH	5% to 95% RH	5% to 95% RH	5% to 95% RH	5% to 95% RH
Humidity Sensor Accuracy (External)	+ / - 4.5%	+ / - 4.5%	+ / - 4.5%	+ / - 4.5%	+ / - 4.5%
Maximum Digital Sensor Cable Length	Approximately 100'	Approximately 100'	Approximately 100'	Approximately 100'	Approximately 100'
Switch Sensor Contact Sets	1 On Back	1 On Back	1 On Front	4 On Back	16 On Back Side
Built-In Switch Sensors	None	None	None	None	Power
Heat Index Calculated	Yes, °F or °C	Yes, °F or °C	Yes, °F or °C	Yes, °F or °C	Yes, °F or °C
Dew Point (with Temp/Humidity Sensor)	Yes	Yes	Yes	Yes	Yes
Light Tower or Relay Switch Sensor Port	No	No	Yes, 1 Port	No	No
Light Tower & Relay Adapter Port	No	Yes, 1 Port (via Digital)	No	Yes, 1 Port	Yes, 2 Ports
Password Protected	Yes, 3 Levels	Yes, 3 Levels	Yes, 3 Levels	Yes, 3 Levels	Yes, 3 Levels
Alert Methods	Email, SMS, SNMP, Web	Email, SMS, SNMP, Web	Email, SMS, SNMP, Web	Email, SMS, SNMP, Web	Email, SMS, SNMP, Web
Alert Recipients	Individuals, Groups, Hierarchies, Schedules	Individuals, Groups, Hierarchies, Schedules	Individuals, Groups, Hierarchies, Schedules	Individuals, Groups, Hierarchies, Schedules	Individuals, Groups, Hierarchies, Schedules
Graphic Sensor Status Displays	Yes	Yes	Yes	Yes	Yes
Real-Time Values In Alerts	Yes	Yes	Yes	Yes	Yes
RoomAlert.com Account	Yes, Non-Expiring	Yes, Non-Expiring	Yes, Non-Expiring	Yes, Non-Expiring	Yes, Non-Expiring
Easy Click Firmware Updates	Yes	Yes	Yes	Yes	Yes
SNMP Enabled	No	Yes	Yes	Yes	Yes
Real-Time Sensor Data Feeds	HTTP, JSON, AJAX	HTTP, SNMP, JSON, AJAX	HTTP, SNMP, JSON, AJAX	HTTP, SNMP, JSON, AJAX	HTTP, SNMP, JSON, AJAX

* Light Tower & Relay Adapter (LTA) is required to connect a Light Tower or Relay Switch Sensor to Room Alert 3 Wi-Fi, 3E, 12E, and 32E.