

Data Sheet

# Arial® ES Smoke Detector Transmitter

The ES Smoke Detector Transmitter is a wireless, battery powered photoelectric smoke sensor. The sensor includes a built-in sounder for alarm alerts, a visual status LED, and an EchoStream transmitter, which sends alarm and alert RF signals to an Arial receiver (Model 54310) or Arial repeaters (Model 54321).

Under normal (non-alarm) conditions, the LED flashes once every eight seconds while the sensor monitors the surrounding conditions. When the sensor detects smoke, the LED lights continuously, the built-in sounder beeps loudly, and an alarm signal is transmitted. The smoke sensor is powered by the two included three-volt lithium batteries. If the detector becomes inactive, a tamper message is transmitted.



Arial® ES Smoke Detector Transmitter Specifications	
Part Number	54341
Output Frequency	900 MHz Spread Spectrum
Power	2 - 3V CR2-type lithium batteries (Panasonic, Sanyo or approved equivalent)
Battery Life	3 – 5 years, depending on usage conditions
Dimensions (C x D)	5.5 x 2.63 " (14.0 x 6.7 cm)
Weight	9.7 oz. (274 g)
Operating Temperature	32–140° F (0–60° C)
Humidity	Up to 90% relative humidity (non-condensing)
Mounting	Mounting plate, screws and anchors supplied

Product Highlights
<ul style="list-style-type: none"> <li>• Completely wireless - battery-operated</li> <li>• Fully supervised</li> <li>• Alerts on low battery &amp; when cleaning is required</li> <li>• Replaceable optical chamber</li> <li>• Long battery life (3 - 5 years)</li> <li>• Replaceable batteries</li> </ul>