





Comparison Chart: Multi-Purpose Siren/Strobes

| Model | SH-816S-BQ | SH-816S-SQ/x* | SH-816S-BMQ | SH-816S-SMQ/x* |
|---|---|--|---|--|
|  |  |  |  | |
| Type | Siren / broadcast | Siren / broadcast + strobe | Siren / message / broadcast | Siren / message / broadcast + strobe |
| Operating voltage | 9~15VDC | | | |
| Current draw (max.) | 680mA@12VDC | 870mA@12VDC | 1A@12VDC | 1050mA@12VDC |
| Inputs (non-power) | Alarm 1 | Siren, ground trigger | | Siren and strobe (together), ground trigger |
| | Alarm 2 | N/A | Strobe,† ground trigger | Custom message,‡ ground trigger |
| | Audio | Audio or PA broadcast,§ input voltage cannot exceed 2V | | |
| Tamper output | 100mA@30 VAC/VDC | | | |
| Custom message | N/A | | WAV or MP3 format, up to 2MB | |
| Upload interface | N/A | | Micro-USB | |
| Siren volume | 120dB | | 115dB | |
| Speaker rating | 25W Peak | | 20W Peak | |
| Strobe flash rate | N/A | 100 per minute | N/A | 60 per minute |
| IP Rating | IP65 Weatherproof | | | |
| Operating humidity | 0~95% | | 0~98% | |
| Operating temperature | -4°~131° F (-20°~55° C) | | | |
| Housing | White polycarbonate plastic | | | |
| Dimensions | 6 ¹ / ₈ "x4 ¹⁵ / ₁₆ "x4 ¹ / ₂ " (155x126x115 mm) | 6 ¹ / ₈ "x7"x4 ¹ / ₂ " (155x178x115 mm) | 6 ¹ / ₈ "x4 ¹⁵ / ₁₆ "x4 ¹ / ₂ " (155x126x115 mm) | 6 ¹ / ₈ "x7"x4 ¹ / ₂ " (155x178x115 mm) |
| Weight | 1-lb 13-oz (812g) | 2-lb 2-oz (957g) | 1-lb 13-oz (812g) | 2-lb 2-oz (957g) |

*Replace "x" with the first letter of the lens color, amber, blue, clear, or red.

†Or either input can trigger siren and strobe together.

‡Custom message overrides the siren sound.

§Audio or PA broadcast will override/interrupt both siren and custom message for the duration of the broadcast and is thus not designed for continuous use.