

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.