

Phantom Fog Enforcer (CPM) vs. Traditional Fog Providers (LVM)

CATEGORY	PHANTOM FOG ENFORCER SYSTEMS (CPM INSIDE)	OTHER FOG PROVIDERS (LVM / TRADITIONAL FOGGING SYSTEMS)
Primary Outcome	Actively interrupts theft in progress by rapidly obscuring visibility; designed to force intruders to exit.	Obscures visibility, but often allows intruders to remain in the area and continue activity.
Speed / Deployment	High-performance deployment ~12 seconds start-to-finish (single cartridge).	Low-to-medium deployment performance on many models; best models perform better.
Intruder Effect	Loud "pop" + high-pressure release can be intimidating; difficult to keep eyes open; repels/clears the area.	Less intimidating; not irritating, intruders can stay within the fog and continue actions.
Design & Installation	Compact, lightweight, modular; customizable for integrators; flexible across many business types.	Often larger/heavier; fewer installation options; limited customization; generally higher cost.
False Alarm Resilience	Dedicated 360 degree motion sensor on board, giving strong immunity to false alarms straight out of the box.	Typically no onboard motion sensor; additional equipment + installation needed to reduce false triggers.
Power & Resilience	Low voltage 12V DC, negligible power consumption and fully operational in event of power loss.	Requires 110V/240V AC power. High power consumption. Functional for only about 1 hour after mains power loss. Separate UPS is a must.
Integration & Scaling	Designed to work with alarms /cameras; scalable and modular capability keeps cost down.	Often fixed installations; scalability depends on model/vendor; integration may require extra components.