KAVACH RAY

Smart laser mosquito protection. Chemical-free: no sprays, no odours, no refills.

KAVACH RAY detects flying insects using LiDAR, millimetre-wave radar and an AI vision module, and eliminates them with a precision laser strike. It runs round the clock on under 20 W and stays quieter than a whisper. Two versions use the same elimination principle; they differ only in how the laser is seen.

Choose your version

	Infrared version · Home use	Blue Laser version · Industrial / outdoor use
How it looks	Invisible laser. No light or flash in the room, so the space stays dark and quiet.	Visible blue flash each time a target is hit, so you can see it working.
Best for	Bedrooms, living rooms, baby rooms, guest rooms, hotel rooms and other indoor spaces; night-time protection.	Gardens, patios, terraces, poolside areas, outdoor restaurants, camping and backyards.
Packages	Standard package	Standard package or Outdoor package
Portable power	Type-C to DC cable available as an add-on.	About 4–5 hours on a 20,000 mAh PD/QC power bank (internal test), using the Type-C to DC cable.

Technical specifications (both versions)

Effective range	6 m radius, 90° horizontal fan-shaped scanning plane
Target detection	Flying insects 2–20 mm, flight speed up to 1 m/s
Laser type	Infrared invisible laser or blue visible laser
Laser class	IEC 60825-1 Class 4 internal diode, fully enclosed, with multi-layer active safety protection
Core technologies	Laser strike + LiDAR + millimetre-wave radar + AI vision module
Power input	100–240 V AC adapter, 24 V DC, or Type-C to DC with a PD/QC power bank
Power consumption	≤ 20 W; designed for 24/7 operation
Noise level	< 30 dB
Ingress protection	IP56, splash-resistant
Operating temperature	0–40 °C
Control	Onboard knob + mobile app (Bluetooth / Wi-Fi)
Dimensions (L × W × H)	200 × 92 × 88 mm
Weight	Approx. 1,200 g
Enclosure	Aluminium alloy + engineering plastic
Warranty	12 months, covering laser module, LiDAR, mainboard, power adapter and galvanometer

In the box

Standard package	Main unit · 2 m DC extension cable · power adapter · fixed mounting bracket (wall / eave) · desktop base (assembly required)
Outdoor package (Blue Laser)	Everything in Standard, plus Type-C to DC adapter cable (for PD/QC power banks) and magnetic rotating base for 360° conical scanning outdoors
Optional add-ons	5 m and 10 m DC extension cables, rotating base, Type-C to DC adapter cable. Best ordered together with the main unit.

Book a free on-site trial or pre-book at kavachdrop.com/kavach-ray, or WhatsApp +91 70073 75808. Specifications may change without notice.