



Helicopter Approach Path Indicator (HAPI)

The LED HAPI is the most advanced on the market and has a wide range of configurations:

- Visible and IR output
- Portable and permanent
- ICAO / FAA / STANAG Compliant
- Several power options

Applications

- Permanent and temporary helipads
- Emergency and hospital helipads
- Remote helipads
- Military & NVG operations

Advanced Optics

The HAPI uses patented, LED-based optics to achieve the lowest power consumption, highest intensity and sharpest green/red transition. It exceeds ICAO / FAA / STANAG requirements to provide a clear approach path to the aviator.

Easy Installation

The HAPI works equally well in permanent and temporary locations. Permanent mounting is easy with standard frangible mounting. Temporary deployment is fast with retractable legs and a lightweight, compact form factor. LED keypad and LED indicators designed for use with gloves. Removable, replaceable antenna.

Power Supply Versatility

The low power consumption of the HAPI makes it mate well with several available power supplies:

- Solar kit
- Generator kit
- Battery kit
- AC only

Controllable

Optional wireless control provides remote operation using either 900 MHz or 2.4 GHz communication. There is also 3 and 5-step wired control and local control available.

Trusted

Deployed around the globe, from military to civilian airfields and the Middle East to the Arctic Circle, the HAPI has proven its robustness.



HAPI

SPECIFICATIONS

Compliance	FAAAC150/5390-2C HAPI compliant
	ICAO Annex 14, Volume 2 HAPI compliant
	STANAG HAPI compliant
Optical	High-powered LEDs with heat management ensure consistent photometrics for life of product
	NVG-compatible infrared (IR) LEDs
Power Options	Solar kit: Solar panels and mounting, batteries and enclosures; air transportable container; AC input for backup
	Generator kit: Gas or diesel generator; AC input for backup
	Battery kit: Batteries & enclosures; AC input for backup
	AC only: 100-240 VAC 50/60 Hz; 3 and 5-step current input
	Ultra-low power consumption makes solar possible
Control Options	Non-wireless: AC input of 3 and 5-step current; local control
	Wireless: 900 MHz FHSS with encryption
	Wireless: 2.4 GHz DSSS with encryption
Construction	Powder-coated aluminum chassis
	Aviation orange standard, yellow and other colors available
	Stainless steel and anodized aluminum hardware
	Integrated digital level
Temperature	-31 to 131 °F (-35 to 55 °C) ambient
Wind Loading	161 kph (100 mph)
Ingress	NEMA 4 & EN 60529 IP 55 (IP 66 available with marine upgrade kit)

CONFIGURATION

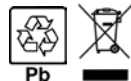
Model	Mounting	Output	Power	Control
HAPI	Permanent Portable	Visible Visible/IR	Solar Kit Generator Kit Battery Kit AC	Non-wireless Wireless (900 MHz) Wireless (2.4 GHz)

Options: Handheld Controller, carrying case, tactical battery pack, tilt switch (for FAA), low temperature arctic kit, marine upgrade kit, custom chassis color



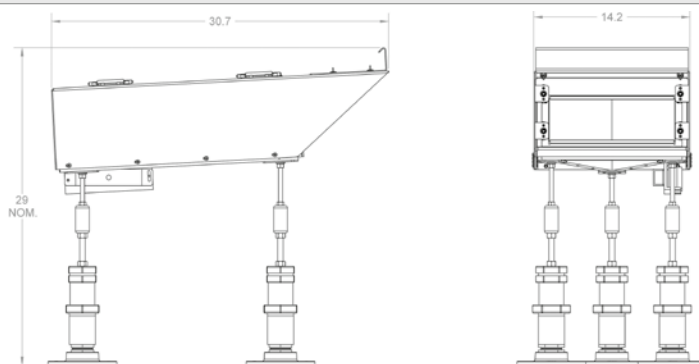
Optional Handheld Controller

- 2.4 GHz or 900 MHz with encrypted signal
- Control 8 groups of lights independently

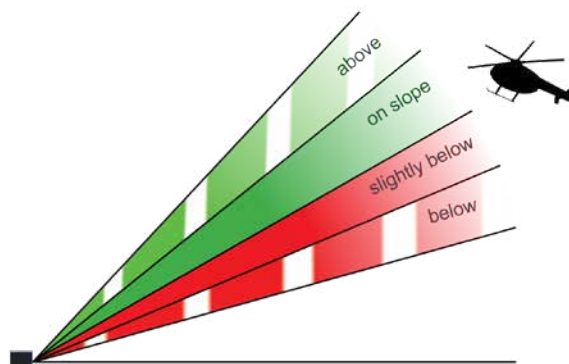
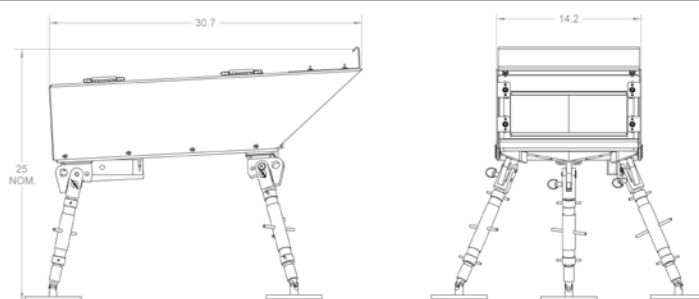


DIMENSIONS

Permanent



Portable



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