S4GA

SP-401 PORTABLE HELIPAD LIGHTING

FOR MILITARY & POLICE, HEMS & RESCUE, PRIVATE HELIPADS

SP-401 PORTABLE
HELIPAD LIGHTING

15 DAYS OF AUTONOMY

10 KM VISIBILITY RANGE

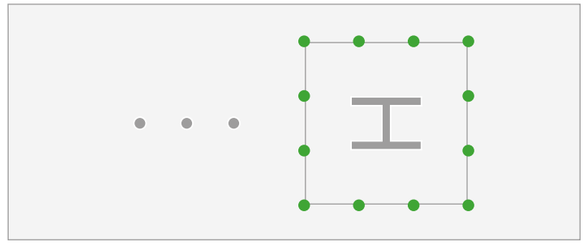
NVG-COMPATIBLE

For helipads and heliports, S4GA offers certified portable helipad lighting. S4GA helipad lighting is designed to illuminate temporary landing zone or touchdown point within few minutes.

Portable battery-powered helipad lights are used for temporary illumination of landing zone during short-term operations.

For long-term operations at stationary helipads and heliports located in remote areas, S4GA offers solar lighting that operates 365 days a year on solar energy.

S4GA helipad lighting systems are used today by military, police, air forces, medical and rescue services, and private helipad operators. S4GA applications are installed in Africa, Asia, Europe, and Latin America.



- TLOF LIGHTS
- APPROACH LIGHTS
- FATO LIGHTS
- TAXIWAY LIGHTS

SP-401 PORTABLE HELIPAD LIGHT

IP-67

Compliance:
ICAO Annex 14 Vol. II (7th. Edition, July 2016)

FEATURES

- 15 days of autonomy
- 10 km visibility range
- Remote activation & control
- Compatible with Night Vision Goggles
- Convertible to solar helipad light

APPLICATION

Mobile helipad light designed to quickly illuminate temporary helipad in accordance with ICAO:

- Temporary helipads
- Military heliports
- Temporary landing zones
- Emergency landing zones
- Touchdown points

Applications	Military heliports, civil helipads, temporary landing zones, emergency landing zones, touchdown points
Specifications	TLOF, FATO, approach light, taxiway light
Remote Activation & Control	S4GA Mesh wireless network Operating range: 1 500 m relayed (each light is a repeater) Remote activation: • Via UR-101 Handheld Controller • Via UR-201 Control & Monitoring Unit • GSM activation (Cell Phone) • VHF activation (Air-band Radio) • Via ALCMS Computer Interface (optional, requires UR-201) Emergency ON/OFF button: Yes
Optics	LED type Omnidirectional Colours: green, white, yellow, blue, red NVG-compatible Lifespan: 100.000 hrs

Power Supply	2 x built-in batteries, user-replaceable Autonomy: 15 days (at minimum intensity) Battery type: deep-cycle VRLA, 12V/9Ah Lifespan: 1200 cycles (designed for 4-5 years)
Charging	Via OCT-401 Charger. Charging time: 8 hours Via 20W solar panel Optional: contactless charging in a Trailer
Environmental Conditions	Temperature range: -20 to 50 °C (-4 to 122 °F) Optional: -40 to 80 °C (-40 to 176 °F) Ingress protection: IP-67 Wind Speed: 240 kph
Casing & Components	Casing made of UV-stabilized Lexan polycarbonate Outer UV-resistant glass dome Emergency ON/OFF button Carrying handle made of glass epoxide Battery level indicator Detachable antenna Pressure stabilizing valve Transport circuit breaker Casing lifespan: 15 years Dimensions (LxWxH): 244 mm x 185 mm x 297 mm Weight: 7 kg
Compliance	ICAO, Annex 14th, Volume II, 7th Edition dated July 2016

UR-101 HANDHELD CONTROLLER

Operating Range	Up to 1.500 m, relayed (each light is a repeater)
Frequency	Automatically modulated and encrypted Radio transceiver: 868 MHz, (optional 2.4 GHz or 433 MHz), 16 mW
Autonomy	48 Hrs
Battery	Lithium-ion type, 5.2Ah, 3.7V
Lighting System Control	Light intensity setup: 10%, 30%, 100% Operating mode setup: steady, flashing, Night Vision Goggles, dusk till dawn Grouping of the Lights: up to 5 groups
Casing	Powder coated steel Internally illuminated buttons
CE Compliance	2014/53/EU Radio Equipment Directive 2011/65/EU and 2015/863 RoHS Directive

ACCESSORIES

OCT-401 CHARGER

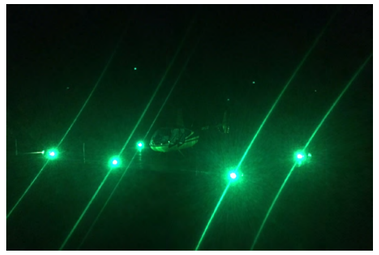
Charges up to 10 x SP-401 helipad lights
Charging time: 8 hours
Power input: 110 / 230V

MOUNTINGS

Frangible mountings
(tested by accredited laboratories)
For grass, ground, concrete

SOLAR UPGRADE

20W solar panel
Equipped with solar panel, SP-401 light will operate 365 days a year on solar energy without recharging



S4GA

Solutions4ga sp. z o. o.
01-476 Sylwestra Kaliskiego 57
Warsaw, Poland

www.solutions4ga.com
+48 22 307 10 01 | office@solutions4ga.com

WORLD'S SAFEST RUNWAY LIGHTING