



# Helicopter Landing Zone Kit <sup>TM</sup>

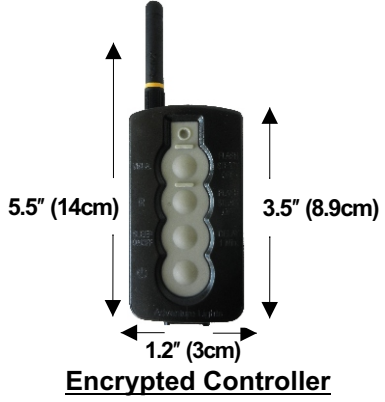
## 9 Lights UDRC System



### ITEMS INCLUDED

QTY	ITEM NAME	PRODUCT NUMBER
1x	Encrypted Controller	98126
1x	Encrypted Repeater	98127
5x	VIPIR S.M.A.R.T Beacon <sup>TM</sup>	05007-W
4x	VIPIR S.M.A.R.T Beacon <sup>TM</sup>	05007-GN
9x	3V 123A Lithium Battery	90000
13x	1.5V AA Lithium Battery	90003
10x	Universal Mount <sup>TM</sup>	99001
9x	Powergrip <sup>TM</sup> Adaptor Cap	99033
10x	40cm Ground Spike	19004
10x	Ground Spike End Cap	19007
10x	Ground Spike Lock Pin	N/A
2x	Ground Spike Pouch	MO297-1
1x	NANUCK Case	Mo436
1x	Instruction Booklet	P-OI-98310-4GN

**PRODUCT NUMBER: 98310-4GN**



**BATTERY SOURCE**  
Two Alkaline/Lithium 1.5V (Type: AA)

**HOUSING MATERIAL**  
High-Tech Polymer

**OPERATING TEMPERATURE**  
-40 to +65°C

**STORAGE TEMPERATURE**  
-40 to +80°C

**ENVIRONMENTAL RATING**  
Water Resistant, IP68

**FREQUENCY BAND**  
915mHZ

**TRANSMIT/RECEIVE (Ground Level)**  
Over 1km (to First Repeater)

**TRANSMIT/RECEIVE (Air to Ground)**  
Over 2km (to First Repeater)

**RECOMMENDED ELEVATION**  
1m, Line of Sight

**BATTERY SOURCE**  
Two Alkaline/Lithium 1.5V (Type: AA)

**HOUSING MATERIAL**  
High-Tech Polymer

**OPERATING TEMPERATURE**  
-40 to +65°C

**STORAGE TEMPERATURE**  
-40 to +80°C

**ENVIRONMENTAL RATING**  
Water Resistant, IP68

**FREQUENCY BAND**  
915mHZ

**TRANSMIT/RECEIVE (Ground Level)**  
Over 1km (Between Repeaters)

**TRANSMIT/RECEIVE (Air to Ground)**  
Over 2km (to First Repeater)

**RECOMMENDED ELEVATION**  
1m, Line of Sight

**BATTERY SOURCE**  
One Lithium 3V (Type: 123A)  
w/ POWERGRIP<sup>TM</sup> ADAPTOR CAP  
Two Alkaline/Lithium 1.5V (Type: AA)

**HOUSING MATERIAL**  
High-Tech Polymer

**OPERATING TEMPERATURE**  
-40 to +65°C

**STORAGE TEMPERATURE**  
-40 to +80°C

**ENVIRONMENTAL RATING**  
Waterproof, 330ft (100m)

**TRANSMIT/RECEIVE DISTANCE**  
Up to 150m

**RECOMMENDED ELEVATION**  
40cm, Line of Sight

**DOME LENS**  
High Impact Polycarbonate, clear

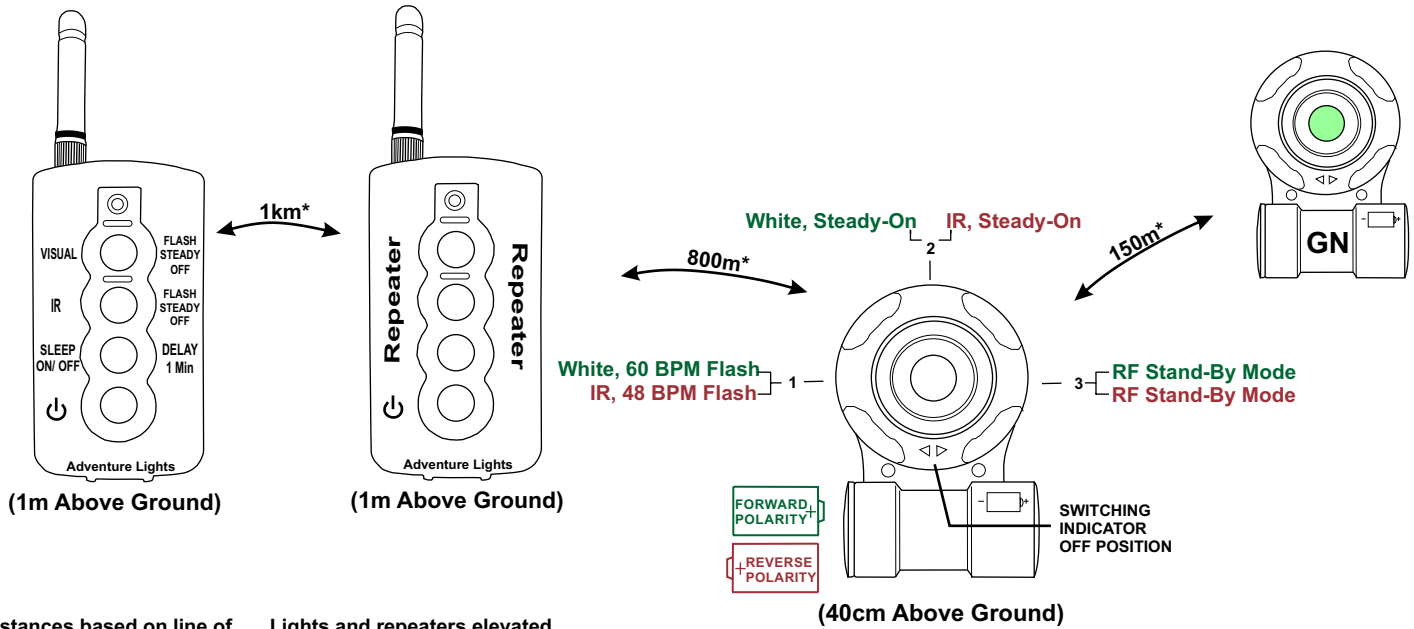
**VISIBILITY RANGE**  
20 Miles (30km) IR, on a clear dark night

Specifications subject to change without prior notice DOC. ID: P-PS-98310-4GNr2 May 2013

# Helicopter Landing Zone Kit

## 9 Lights UDRC System

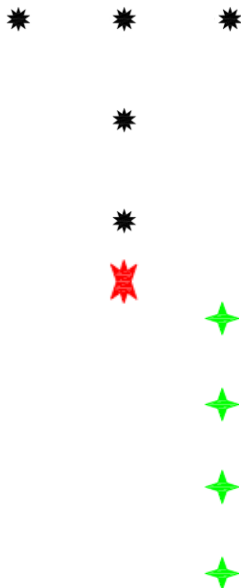
### SYSTEM LOGIC DIAGRAM



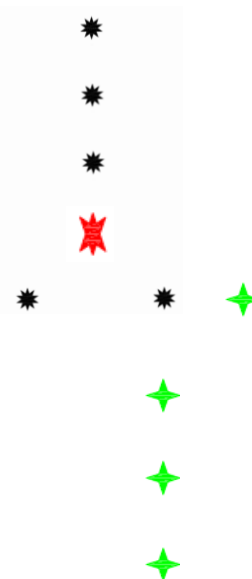
\*Distances based on line of sight with no obstructions. Lights and repeaters elevated as per recommendations.

### HELICOPTER LANDING PATTERNS

#### NATO "T"



#### INVERTED "Y"



**NOTE:** The contents of these diagrams are for demonstration purposes only. Please consult officially issued information before setting up.

- ★ MARKER LIGHTS  
WHITE or Covert IR
- ★ TOUCH DOWN POSITION (TDP)
- ★ REFERENCE LIGHT  
GREEN