



Helicopter Landing Zone Kit™

5 Lights UDRC System

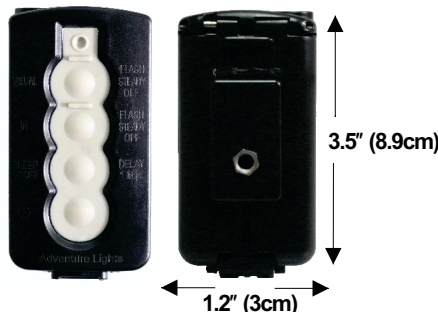


PRODUCT NUMBER: 98310

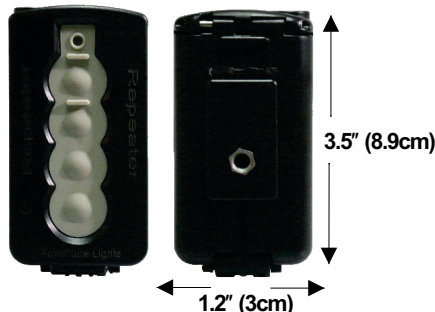


ITEMS INCLUDED

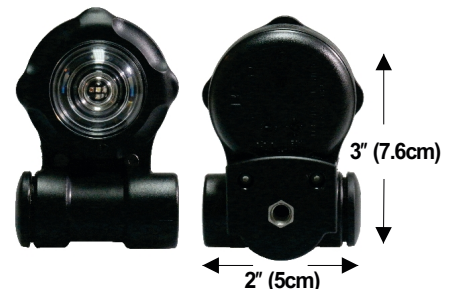
QTY	ITEM NAME	PRODUCT #
1x	Encrypted Controller	98126
1x	Encrypted Repeater	98127
5x	VIPIR S.M.A.R.T Beacon	05007-W
5x	4" Tripod Mount	99038
6x	40-120cm Tripod Mount	99035
18x	8" Plastic Nail	99036
5x	VIP Tripod Mount Assembly	99031
1x	UDRC Keyfob Mount	99032
5x	3V 123A Lithium Battery	90000
14x	1.5V AA Lithium Battery	90003
5x	VIP Light Shield, Short	99010-I
5x	VIP Light Diffuser, Long, White	99011
5x	VIP Light Diffuser, Long, Black	99010
5x	Powergrip™ Adaptor Cap	99033
6x	40cm Ground Spike	19004
6x	1" Quick Release Pull-Pin	HM-98404A959
1x	UDRC Carry Case	MO188
2x	Accessory Pouch	MO297-I
1x	Instruction Booklet	P-OI-98310



Encrypted Controller



Encrypted Repeater



VIP RF White & IR Beacon™

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

HOUSING MATERIAL
High-Tech Polymer

OPERATING TEMPERATURE
-20 to +60°C

STORAGE TEMPERATURE
-20 to +60°C

ENVIRONMENTAL RATING
Water Resistant, IP68

FREQUENCY BAND
915mHZ

TRANSMIT/RECEIVE (Ground Level)
400m to VIP; 800m to Repeater

TRANSMIT/RECEIVE (Air to Ground)
Over 1.6km (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
-20 to +60°C

STORAGE TEMPERATURE
-20 to +60°C

ENVIRONMENTAL RATING
Water Resistant, IP68

FREQUENCY BAND
915mHZ

TRANSMIT/RECEIVE (Ground Level)
400m to VIP; 800m to Repeater

TRANSMIT/RECEIVE (Air to Ground)
Over 1.6km (to First Repeater)

RECOMMENDED ELEVATION
1m, Line of Sight

BATTERY SOURCE
One Lithium 3V (Type: 123A)

w/ POWERGRIP™ ADAPTOR CAP
Two Alkaline/Lithium 1.5V (Type: AA)

HOUSING MATERIAL
High-Tech Polymer

OPERATING TEMPERATURE
-20 to +60°C

STORAGE TEMPERATURE
-20 to +60°C

ENVIRONMENTAL RATING
Waterproof, 330ft (100m)

TRANSMIT/RECEIVE DISTANCE
Up to 150m (VIP to VIP)

RECOMMENDED ELEVATION
40cm, Line of Sight

DOMELENS
High Impact Polycarbonate, clear

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

www.adventurelights.com

Specifications subject to change without prior notice military@adventurelights.com DOC. ID: P-PS-98310r3 Jan. 2020

Adventure Lights Inc. 444 Beaconsfield Blvd. Beaconsfield, QC, Canada, H9W 4C1 (514) 694-8477



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SYSTEM LOGIC DIAGRAM

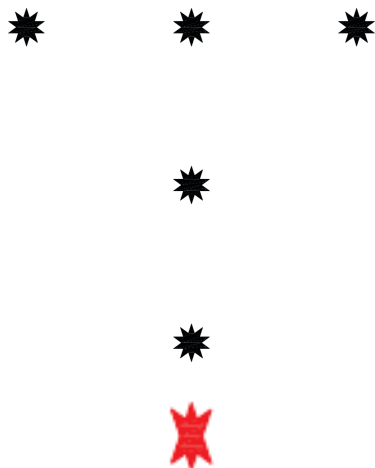


*Distances based on line of sight with no obstructions.

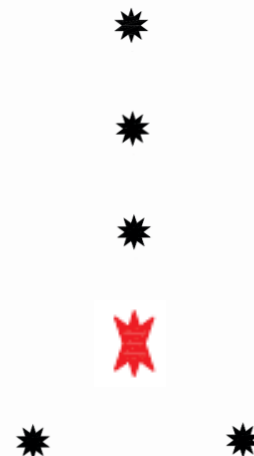
Lights and repeaters elevated as per recommendations.

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)

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