

The **AV-ALS-RC** is a rugged remote radio controller designed to remotely activate airfields. Users can roam around the airfield for easy activation, inspection, and testing of airfield lights.

Key Features:

- 2.4GHz worldwide accepted radio control
- 128bit security encryption
- Shut down or turn all lights 'ON' remotely within seconds
- Allocate lights into 'light groups' and remotely control each group
- Set units to synchronised flashing



2.4GHz worldwide accepted radio control

The 2.4GHz wireless network platform is designed to allow the operator to control a wide range of Avlite products on the airfield, including taxiways, runways, barricades, obstruction sign lighting and area lighting. The standard radio controller broadcasts a command message to all lights within range. This range is approximately 1.4 km, or 0.86 miles. If a higher gain antenna is used, the range can be extended.

Protected from harsh environments

The Avlite Radio Controller ships in an IP68 Pelican case which protects it from harsh environments, and comes with an IP68 rated charging plug, omnidirectional antenna, and ON/OFF switch and cover.

The Avlite Radio Controller can be rack mounted in a standard 19" rack, or wall/pole mounted, for use with other airfield electronic equipment such as the Pilot Activated Light Control (PALC).

Allocate lights into 'light groups' and remotely control each group

Lights can be allocated to up to 15 'groups', such as taxiways, runway edge or threshold. Each group can be controlled independently.



Electrical Characteristics

Range	Up to 1.4km (0.9 miles) AvMesh®
Temperature Range	-40 to 80°C
Frequency	2.4 GHz Other frequencies available upon Solutions request
Nominal Voltage (VDC)	7.2

Power Supply

Battery Type	NiMH
Battery Capacity (Ah)	4
Nominal Voltage (V)	7.2

Physical Characteristics

Body Material	Anodised aluminum
Height (mm/inches)	150 / 5.91
Width (mm/inches)	185 / 7.28
Depth (mm/inches)	65 / 2.56
Screen	Backlit
Service Life	Up to 12 years

Intellectual Property

Trademarks	1 year warranty
------------	-----------------

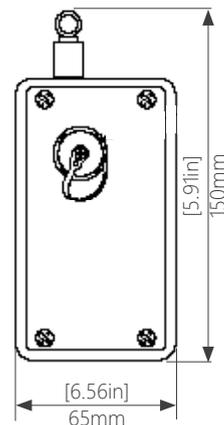
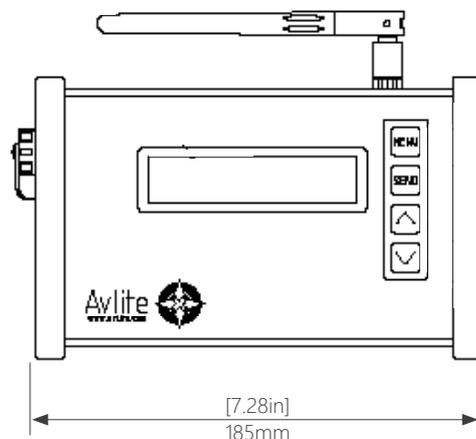
Compliance

CE	EN61000-6-4:2019 EN61000-6-2:2019
Quality Assurance	ISO9001:2015
FCC Approved	M100103

Other

Warranty *	1 year warranty
Terms and Conditions	Please refer to the individual light installation manuals for further specifications Subject to standard terms, conditions and change or variation without notice Warranty Terms and Conditions available on www.avlite.com

Technical Illustrations



Ordering This Product

AV-ALS-RC-2.4



1 Product Number

