**PURCHASE SPECIFICATIONS FOR THE HANDHELD CONTROLLER**(FOR S4GA RADIO CONTROLLED EQUIPMENT)

MODEL: UR-101

Handheld Controller Specification

Handheld Controller provides User with the ability to remotely control S4GA LED Runway Lighting.

Handheld Controller shall allow for:

* Remote control of Airfield Lighting System and other S4GA radio controlled equipment,
* Independent control (activation and change of brilliancy) over minimum 5 separate groups of airfield lighting (for example Runway, Approach, Taxiway A, Taxiway B, PAPI),

Handheld Controller shall offer the following features:

* Grouping entire airfield lighting/equipment in at least 5 major groups   
  (controlled separately),
* Minimum 3-step intensity level of group of lights,
* Control of entirely lighting system or separate groups of lights,
* Selecting operating modes such as dusk-till-dawn, or NVG (on level of entire system or separate groups),
* Operating frequency: 868 MHz
* Rechargeable back-up battery providing minimum 48 hrs of autonomy  
  (with all functions operations at all times),
* Battery charging and power supply shall be via 110-230 VAC Charger,
* Detachable antenna.

**Wireless Control Range**

The system shall be capable of reliable wireless control up to a 1.100 meters in   
line-of-sight distance between the controller and any light.