**PURCHASE SPECIFICATIONS FOR A WIRELESS CONTROLLER

MODEL: UR-1**

##### General Overview

Wireless Controller is designed to provide remote activation of any electrical equipment using remote control (via Handheld Controller, Control & Monitoring Unit, ALCMS Airfield Lighting Control & Monitoring System).

**Description**

Shall consists of the following components:

* Electrical control relay 24VDC or 230VAC,
* Power via 24VDC or 230VAC,
* Fuse 8 or 16 Amp,
* External replaceable radio antenna,
* Chassis, which houses the above components made of ABS,
* Shall have minimum IP67 level of protection,
* Emergency on-off button.

Shall contain following features :

* be able to operate in the temperature of -20° C to 50° C or better,
* be able to communicate with radio controlled equipment for not less than 1500 meters,
* be able to control by wireless mesh network or better.

Shall allow for activation of electrical relay remotely (wirelessly) via handheld controller, control & monitoring unit or ALCMS system.