ALCMS ADVANCED

SYSTEM OVERVIEW
S4GA ALCMS is an Airfield Lighting Control and Monitoring System designed to provide full remote control and monitoring of solar LED runway lighting from the TWR or maintenance room. S4GA ALCMS consists of Computer Interface integrated in UR-201 Control and Monitoring Unit. It features open interface for integrating with existing AGL control system.

FEATURES
• Custom Airfield Layout
• Individual Light Status Display
• Custom Grouping of Lights
• 5-step Light Intensity Setup
• Operating Mode Setup

CONTROL
• Grouping of entire airfield lighting in major groups
• Control of entire lighting system and groups of lights
• Individual control of separate taxiways
• 5-step intensity level setup for a particular group of lights
• Operating modes setup: flashing, dusk-till-dawn, pilot-activated, GSM-activated
• Timer setup (for pilot-activated and GSM-activated modes)

ALCMS Advanced is designed for airports with advanced AGL system (including multiple taxiways, approach lighting, temporarily closed areas). This type computer interface has advanced features like customized airfield layout and more detailed grouping of lights (e.g. control of separate taxiways).

• Real-time monitoring YES
• Automatic failure alarm YES
• Operating mode setup YES
• Individual light status indication YES
• Grouping of airfield lights 3+
• Light intensity steps 5
• Separate taxiways control YES
• Airfield layout YES

For airports with simple runway lighting system (runway edge, threshold and one taxiway), S4GA offers ALCMS Basic.
**MONITORING**

- Real-time individual light status monitoring: battery level, lamp status, connection status, charging speed, temperature, charging efficiency of solar panel
- Monitoring of UR-201 Control Module: GSM signal strength, back-up battery level, power connection
- Immediate light failure detection and report: light unavailable, critical battery level
- Color indication of current light status:
  - **RED**: Lamp is offline
  - **AMBER**: The battery level is below 30%
  - **GREY**: The unit is 100% operational

**ADMIN MANAGEMENT**

- Adding, editing and deleting users
- Setting/changing passwords
- 3 levels of access: Master, Admin, User

**ACCESSORIES INCLUDED**

- 24" TV Monitor
- Wireless set: keyboard + mouse
- HDMI cable
- Power cable

**SHIPPING DATA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions of Package (LxWxH)</th>
<th>Gross Weight</th>
</tr>
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<tbody>
<tr>
<td>ALCMS Set (24&quot; screen, cables, keyboard, mouse)</td>
<td>620 mm x 205 mm x 460 mm</td>
<td>10 kg</td>
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