

Radio controller for landing lights

APR-02



PRODUCT DESCRIPTION

The device is used for automatic and manual switching on the lighting, remote switching on by a helicopter pilot or remote switching on via one of the eight island cabinets. The system is equipped with several other useful elements. Among others, it has the function of notifying about a failure by e-mail. It is also equipped with a camera directed at the landing pad, which records the entire process of helicopter landing and with a weather station that records weather parameters during this operation.

The reading and recording takes place during landing collecting data on the strength and gusts of wind, the amount and type of precipitation, temperature and insolation. An important element is also equipping the system with a primary and backup power supply. They meet the requirements of the Polish Medical Air Rescue Service - maintaining the operation of the device for min. 2h. The device is equipped with a charging and monitoring of battery parameters system.

PRODUCT APPLICATION

◆ Controlling lamps systems landing areas and heli pads

TECHNICAL DETAILS:

Producer:	AP S AVIATION
Product code:	APR-02
Supply voltage:	230 V AC, 50 Hz
Power consumption (with heating element on):	< 20 W
IP:	IP65
Case:	Stainless steel
Montage method:	To wall
Temperature range:	-25°C to +55°C
Case dimensions:	800 x 400 x 200 mm
Number of output circuits	7 circuits; 3,5,7 clicks PTT and alarm

Built-in functions:	Graphic User Interface (GUI) based on HMI panel,
	Certified radio receiver,
	Control circuit for 12 separated circuits,
	GPS/GPRS module, - Web server,
	Server for recording video from connected camera,
	Ethernet switch (possibility to connect up to 8 external units),
	RS-485 interface (possibility to connect weather station),
	automatic control mode (light output based on weather conditions),
	helipad lamps monitoring system with alarms via mail or SMS,