

## TECHNICAL DATA

S.L.B - A special light beam	Syron PAT High Performance
Camera	2/5/6 MP-AI-12x Optical Zoom-3 in 1 Super WDR Pro 1/1.8" Starlight Sensor-0.001LUX Ultra Low-light - 100 fps IP 67-1K10-Smart IR IL-250 m IR Distance
AI	Video analytics / Bird Detection
Horizontal projection range	360° (continuous)
Vertical Projection Range	50° to -30°
Resistance	IP66 (Suitable for indoor and outdoor use)
Power Source	Electricity adapter (VAC 100-277) or an independent solar system
Activation Current	12 VDC (maximum 4 A)
Activation Temperature	-15°C to +50°C (5°F to 122°F)
Power Consumption	100 W (at peak activation current)
Safety Features	LED symbol for activating the S.L.B and switch with a key lock (Pursuant to Standard EN 60825-12014 - Emergency stop button - Activation according to a password - identification of humans, motorcars, aircraft, sector borders - WIFI - auto off/on trigger - Line lock parameter - PIR connection on demand
Authorizations	CE, FCC, 2014/35/EU (LVD Directive) 2014/30/EU (EMC Directive), IEC 60825 - 1.2014
Weight	11 kg (24 pounds)
Dimensions	Length 50 cm (127") / Width 21 cm (8.3") Height 40 cm (15.8")
Connectivity	Wi-Fi / Wired / OSM 4/50 / Syron Remote Status
Status and Remote-Control Module	Wireless activated on/off switch - Application for mobile Automatic status in real time - Global reception range Access to solar grid cover is required: OSM/20 and higher). Requires the installation of a Syron Control Module

## AID & FITTINGS

### Installation and Fixing Accessories

- Vertical Mounting Bracket
- Horizontal Mounting Frame
- Adjustable Frame Extender
- Power Extension Cable (5m)
- Pole Top Mounting Bracket
- Horizontal Mounting Bracket

### Solar Accessories

- Solar Pole Kit
- Solar Frame Kit
- Solar power extension cable (5m)
- Solar panel frame brackets
- Battery for charging system (12V)
- Solar panel

### Electrical Accessories

- Battery Box Kit (24V)
- Power Extension Cable (5m)
- Remote Control (RF)
- Wireless ON/OFF switch



# SYRON HAWK

## ELITE BIRD CONTROL

**The Syron Hawk Autonomic system is the newest generation of automated intelligent laser bird repellents. It is an effective solution to repel birds in an animal-friendly way**

Syron Hawk covers the area that needs protection from birds continuously. Birds perceive the approaching S.L.B as a physical danger and avoid the area.

### SMART AI SYSTEM

Syron Hawk's integrated technologies include camera-based scanning coverage, precise AI-based bird identification, and active S.L.B deterrence. The system's AI components are customized to fit specific industry requirements, and its capabilities are constantly updated and enhanced via a dedicated app.

### REMOTE MONITORING

It is possible to view the system status via the Status & Control app by SYRON CONNECT and switch it ON/OFF remotely. A user can also receive push notifications on their phones or by email if the unit is disconnected from power. Through the advanced SYRON CONNECT tool, it is possible to track the system's operating hours using a Bluetooth connection. This allows the user to check if the S.L.B is performing the way it should without visiting the customer's location. This way, errors are tracked down quickly from any location, reducing downtime to a minimum.

### MODULAR DESIGN

With the Syron Hawk system we provide a flexible solution. The system can be adapted to any kind of environment. It can be installed on a pole, the (extended) frame, or it can be mounted to a wall. These are only a few examples of the many ways the Syron Hawk can be installed.

## INDUSTRY BENEFITS

The Syron Hawk system is an ideal bird deterrence solution for a wide range of industries, preventing costly damages to crops, products and valuable equipment. From farms and fish ponds to airports, factories and solar panel fields, Syron Hawk protects designated areas from unwanted visitors.

 Livestock

 Agricultural

 Industry

 Factories

 Airports

 Fish pool & Aquaculture

 Solar Farms & Roofs

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## MAIN ADVANTAGE

**Over 90% decrease in birds nuisance**

**Smart AI operated system**

**Fully automatic system**

**Successfully installed in over 90 countries**

