

## IP67 powerful Xenon Flash



### Sx-IP is a powerful IP67 flash device designed for:

- Powerful pulses (up to 100J and more on request...)
- Long range operation (> 30m)
- High repetition rate (up to 15Hz)
- Burst and very fast sequences (up to 11x 60J consecutive flashes)
- Long lamp lifespan (more than 1 Millions shots at 30J)

**+ High light output**

**+ Burst Capability**

**+ Long lamp lifespan**

**+ IP67 design**

### Suitable for:

**Traffic Enforcement**



**Precision Farming**



**Industrial Control**



**Ride Photography**



## ► Specifications

Energy per shot	10J to 100J
Pulse duration range	30 ~ 1ms
Standard beam angles	10° x 25°   20° x 36°   50° x 80° Some other beam angles are available on request
Guide Number at 100 ISO / 20 J	25 f-stop.m
Burst capacity (10Hz)	<ul style="list-style-type: none"> <li>• 7 consecutive flashes at 100J</li> <li>• 11 consecutive flashes at 60J</li> <li>• 22 consecutive flashes at 30J</li> </ul>
Min. delay between flashes in a burst	20ms
Maximum repetition rate (continuous)	15Hz @ 4J
Input voltage	10.2 ~ 28.8Vdc
Maximum (peak) input current	6A
Peak input power	90W
Maximum average output power	<ul style="list-style-type: none"> <li>• 50W continuous in all conditions (e.g. one 100J flash every two seconds, five 10J flash every second...)</li> <li>• 80W intermittently or according to conditions</li> </ul>
Idle consumption	Less than 3W
Lamp lifespan	<ul style="list-style-type: none"> <li>• 300 000 shots @ 60J</li> <li>• 1 000 000 shots @ 30J</li> <li>• 10 000 000 shots @ 10J</li> </ul>
Dimensions	H 164mm x W 164mm x L 230mm
Weight	3,8kg
Operating temperature	-20°C to +45°C (in the shade with no airflow)
Inputs and outputs	Up to six inputs compatible with open drain and push-pull drivers. Up to four open drain outputs (two are isolated).
Triggers	Up to four triggers and eight preprogrammed energy levels
Monitoring and control interface	RS485 Modbus link
Energy adjustment	<ul style="list-style-type: none"> <li>• RS485 Modbus link or hardware selection</li> <li>• Back-panel selector available as an option</li> </ul>
Day/night control feature	For each of the four triggers, device can switch between two energy levels. Can be done from an input or RS485 Modbus link.
Hardware interface	IP67. Amphenol Ceres + M12 circular connectors.
Optional modified light spectrum	Red and Infra-red