

IP67 versatile Xenon Flash



Sx-IP is a versatile IP67 flash device designed for:

- Powerful pulses (up to 60J and more on request...)
- High repetition rate (up to 15Hz)
- Burst and very fast sequences (up to 5x 60J consecutive flashes)
- Long lamp lifespan (up to 30 Millions shots)

+ High light output

+ Burst Capability

+ Long lamp lifespan

+ IP67 design

Suitable for:

Traffic Enforcement



Precision Farming



Industrial Control



Ride Photography



► Specifications

| | |
|--|---|
| Energy per shot | 2J to 60J |
| Pulse duration range | 30-350µs |
| Standard beam angles | 20° x 36° or 50° x 80° Some other beam angles are available on request |
| Default Guide Number at 100 ISO at 20 J | 25 f-stop.m |
| Burst capacity | <ul style="list-style-type: none"> • 4 consecutive flashes at 60J • 12 consecutive flashes at 20J |
| Min. delay between flashes in a burst | 30ms |
| Maximum repetition rate (continuous) | 15Hz @2J |
| Input voltage | 10~30Vdc |
| Maximum (peak) input current | 7A |
| Peak input power | 60W |
| Maximum average output power | <ul style="list-style-type: none"> • 30W continuous in all conditions (e.g. one 60J flash every two seconds, five 6J flash every second...) • 50W intermittently or according to conditions |
| Idle consumption | Less than 2W |
| Lamp lifespan | <ul style="list-style-type: none"> • 300 000 shots @60J • 500 000 shots @20J • 2 000 000 shots @6J • 30 000 000 shots @2J |
| Dimensions | H 95mm x W 136mm x L 185mm |
| Weight | 1,5kg |
| Operating temperature | -20°C to +45°C (in the shade with no airflow) |
| Trigger | Dry contact or CMOS/TTL input |
| Monitoring and control interface | RS485 Modbus link |
| Energy adjustment | <ul style="list-style-type: none"> • RS485 Modbus link or hardware selection • Back-panel switch available as an option |
| Switch between two energy levels (also called day/night feature) | RS485 Modbus link or hardware input |
| Hardware interface | IP67 Dsub15. Other interfaces available on request |
| Optional modified light spectrum | Red and Infra-red |