

High-Intensity Long-Range Portable Searchlight

FA-4x1P

Ruggedized Dual-Use Multi-Purpose
Narrow-Beam Illumination System



The **FA-4X1P** is a professional-grade, portable high-output illumination system designed for critical infrastructure security, border monitoring, coastal observation, SAR (search and rescue) or maritime security operations. Engineered in a heavy-duty, weather-sealed enclosure, this dual-use illumination tool combines long-range reach with versatile deployment options, suited for both field mobile units and fixed-station monitoring.

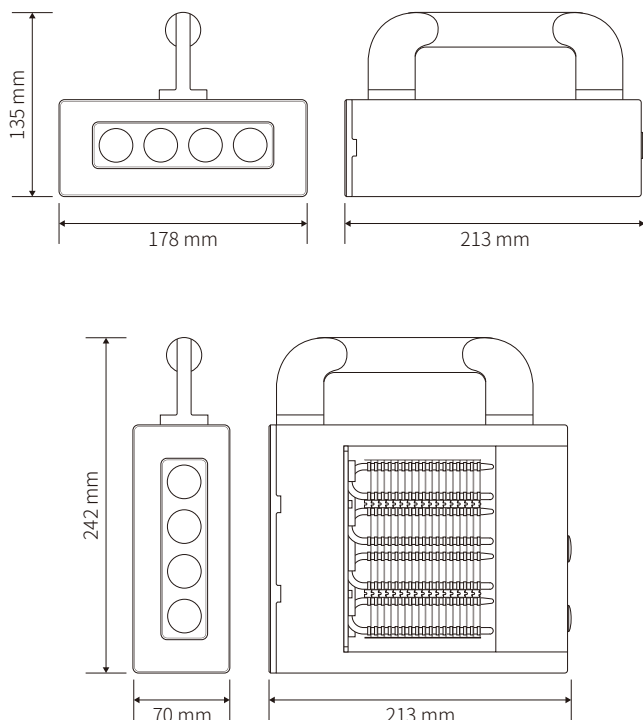
FA-4X1P can be operated by handheld or mounted on standardized field tripods. Custom integration with automatic pan-tilt units or tracking systems is available upon request.

Key System Capabilities

- **Long-Distance Narrow-angle Beam** can reach distances up to **1,200 meters** for long-distance spot observation and perimeter illumination.
- **White or IR850nm bandwidth choice available.**
- **Powered by 24V batteries or PD3.0 100W power banks.**

Caution: High-power light of this product can be dazzling to unprotected human eyes or image system. Please use with extreme caution.

*Dimension



*Optional



FA-4x1P Specification

	FA-4x1P-IR	FA-4x1P-W
Power Output (Level1~Level 4)	Max 40w	Max 100w
Optical / Electric Conversion %	Max 40%	Max 25%
LEP Cells	4 (4x1 matrix)	
Lens Diameter	25 mm	
Beam Projection Angle (Degree)	* 2.6°	
Cooling	Passive Air Cooling	
Dimension* (LxWxH)	213mm x 178mm x 135mm / 213mm x 70mm x 242mm	
Weight	1.85 Kg	
Storage Temperature	-40~+85°C	
Operating Temperature	0~+70°C	
Power Input	24V or Type C Supply PD 3.x >100 W Power Bank 10000 Wh	
Options	IP 67 enclosure, Power supply, Heavyduty Tripod	

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Distributor



Products



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