

EVL200 Spotlight Split-Beam Fishing Sonar

Omnidirectional Scanning • Fast & Efficient



Overview

EVL200 adopts a spotlight-style scanning architecture combined with split-beam technology, enabling rapid omnidirectional detection with 360° horizontal coverage and $\pm 90^\circ$ vertical coverage. It is ideal for wide-area fishery resource surveys and real-time monitoring.

Core Features

- **Spotlight- Style Scanning** Horizontal 360° / Vertical $\pm 90^\circ$
- **Rapid Scanning** Completes a full scan in as fast as 30 s
- **Accurate Measurement** Precise measurement with split- beam technology
- **Real- Time Display** Real- time switching among multiple display modes

Applications

- Fishery Resource Survey
- Ecological Research
- Marine Engineering Monitoring

Technical Specifications

Item	Parameter
Sonar Type	Spotlight Split-Beam Fishing Sonar
Operating Frequency	200 kHz
Maximum Range	100 m
Beam Angle	Horizontal 360° / Vertical $\pm 90^\circ$
Maximum Scanning Speed	30 s / scan
Scanning Resolution	4°
Dynamic Range	120 dB
Power Supply	DC 24V

Field-test Images

