



## Impulse Laser Series

**100 Series: Distance Measurement**

**200 Series: Distance and Inclination Measurement**

### Specifications

Typical Target Accuracy & Range	Impulse Series			
	100	200	200 LR	200 XL
Accuracy (Typical)	3-5 cm	3-5 cm	3-5 cm	1 m
Accuracy (Max)	15 cm	15 cm	15 cm	2 m
Overhead cable / stake	50 m	50 m	100 m	400 m
Phone pole / stockpile	100 m	100 m	200 m	800 m
Tree / Tower	150 m	150 m	300 m	1200 m
Rock Face / Building	250 m	250 m	500 m	2000 m
Max Distance	575 m	575 m	575 m	2200 m
Range Resolution	0.01 m	0.01 m	0.01 m	1 m
Inclination Limits	N/A	+/- 90 deg.	+/- 90 deg.	+/- 90 deg.
Inclination Accuracy	N/A	+/- 0.1 deg.	+/- 0.1 deg.	+/- 0.1 deg.
Weight	All Series: 1kg			
Size	15.2 x 6.4 x 12.7 cm			
Power Supply	(2) AA batteries providing up to 20 hours of use			
Environment	Waterproof to IP 67 and NEMA 6			
Temperature	-30 to +60 C			

### Key Features

- Custom backlit LCD display
- Audible and visual indicators
- Serial output for electronic data storage (RS232 Serial)
- Selective range gating for positive target acquisition
- Built-in tilt sensor (200 series)
- Filter system to discriminate reflective targets
- Cumulative distance capability
- Determines the distance between two in-line objects
- Intergrates with GPS and GIS

### **Package Includes:**

- Impulse laser
- Red dot scope
- Hand strap
- Tripod mounting bracket (200 series only)
- (2) AA batteries
- Operator's manual
- Padded carrying case

### **Optional Accessories:**

- 1.5 to 4X zoom scope
- Yoke and staff
- Remote trigger data cable

**Contact Us** for further information on this product.

