

# IMPULSE 200 LR LASER

Our Impulse lasers are specifically designed for optimal performance under whatever conditions you might encounter in the field. They are lightweight, extremely rugged, completely waterproof and versatile. Use them as a handheld unit or mount them on a tripod for added stability.

## Hardware Specifications:

Typical Target Accuracy & Range	IMPULSE 200 LR	
	(Imperial)	(Metric)
Accuracy (Typical)	0.1 - 0.2 ft	3 - 5 cm
Accuracy (Max)	0.5 ft	15 cm
Overhead cable / Stake	330 ft	100 m
Phone pole / Stockpile	655 ft	200 m
Tree / Tower	985 ft	300 m
Rock Face / Building	1640 ft	500 m
Max Distance	1885 ft	575 m
Range Resolution	.01 ft	0.01 m
Inclination Limits	+/- 90 deg	+/- 90 deg
Inclination Accuracy	+/- 0.1 deg	+/- 0.1 deg
Weight	2.2 lbs.	1 kg
Size	6 x 2.5 x 5 in.	15.2 x 6.4 x 12.7 cm
Power Supply	(2) AA batteries (20 hours of use)	
Environment	Waterproof to IP 67 and NEMA 6	
Temperature	- 22 to + 140 F	-30 to + 60 C

(Max distances are approximate)

## Key Features:

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

## Package Includes:

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

## Optional Accessories:

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

Impulse Laser w/  
1.5 to 4 X Zoom Scope  
and Mounting Bracket



For 3-D data collection,  
integrate the Impulse with  
a MapStar System.



MapStar  
Angle  
Encoder



MapStar  
Compass  
Module

Impulse Laser w/  
Red-dot Scope  
and Hand Strap

