

VISUAL IMAGING-LASER RANGEFINDER
 (Monocular)

PF5 (Series) Long-distance Positioning
 Laser Rangefinder

GPS Coordinates remote&Positioning and GIS data collection

Polygonal Area measurement

8X Fixed focal length ranging system

Bluetooth+Exclusive APP

Black&Red Dichroic Switch

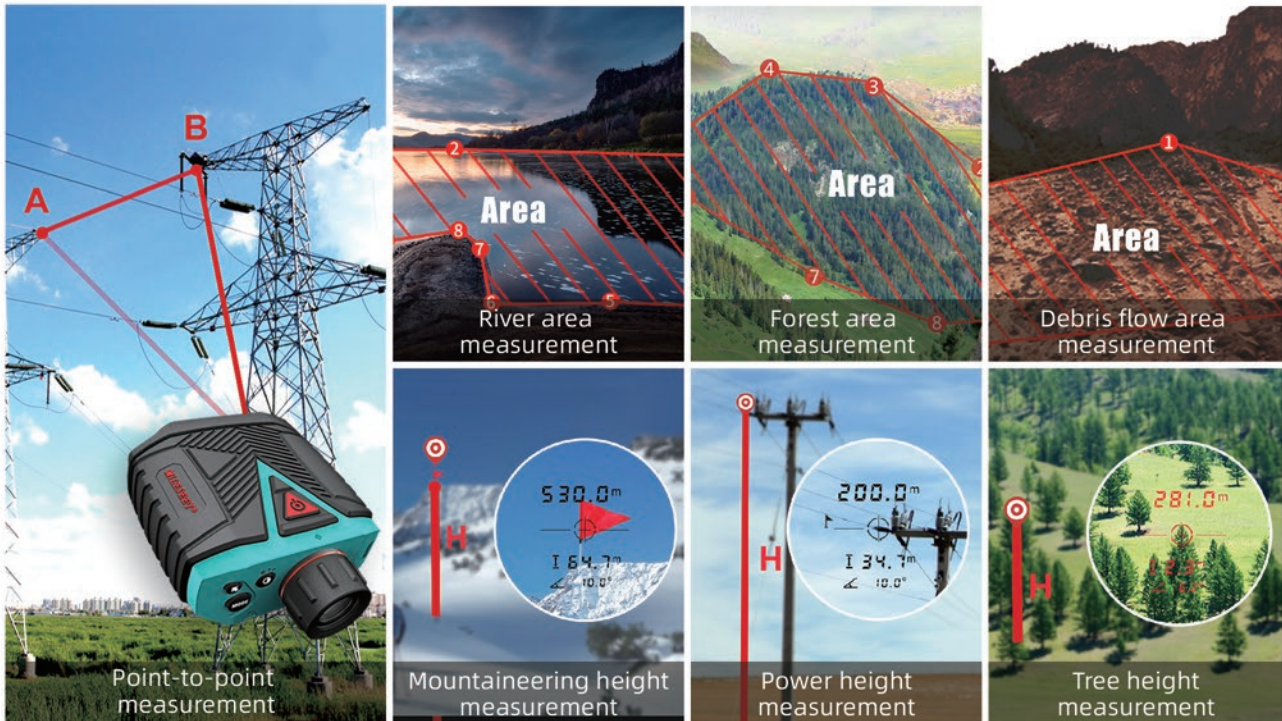
2500m Long range



TECHNICAL PARAMETERS

Model	PF520	PF560M	PF580G
Range	2000m	2500m	2500m
Measuring unit	m、Y、F	m、Y、F	m、Y、F
Accuracy	±0.3m	±0.3m	±0.3m
Angle range	-90°~90°	-90°~90°	-90°~90°
Tilt angle accuracy	±0.5°	±0.5°	±0.5°
Gyroscope angle accuracy	±1°	±1°	±1°
Wavelength	905 nm	905 nm	905 nm
Eye safety	FDA (CFR 21)	FDA (CFR 21)	FDA (CFR 21)
Field of view	6°	6°	6°
Magnification	8X	8X	8X
Objective lens diameter	23mm	23mm	23mm
Eyepiece diameter	31mm	31mm	31mm
Exit pupil diameter	3.8mm	3.8mm	3.8mm
Diopter	±8D	±8D	±8D
Diopter adjustment	Eyeiece	Eyeiece	Eyeiece
Operating temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
GPS	X	X	√
Coordinate acquisition	X	X	√
Tripod screw hole	√	√	√
Flagpole lock(close-range priority)	√	√	√

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TECHNICAL PARAMETERS

Rain fog Mode(Long-range priority)	√	√	√
Vertical height between two points	√	√	√
Point to point	√	√	√
Spatial area measurement	X	√	√
Auto height	√	√	√
Auto level	√	√	√
Continuous measurement	√	√	√
Angle measurement	√	√	√
Azimuth angle	X	X	√
Bluetooth	X	√	√
APP	X	√	√
LCD backlight	√	√	√
R-PdLCD Monitor	Black (red) bicolor	Black (red) bicolor	Black (red) bicolor
Power	18650 lithium battery	18650 lithium battery	18650 lithium battery
Charging interface	TYPE-C	TYPE-C	TYPE-C
Data export	USB	USB	USB
Protection class	IP65	IP65	IP65
Auto Shut off	8s inactivity	8s inactivity	8s inactivity
Dimension	143*125*55mm	143*125*55mm	143*125*55mm
Weight(including battery)	5930g	6030g	6130g

