

Immersive Optics

SwiftRange

USER MANUAL



INTRODUCTION

CONGRATULATIONS ON PURCHASING THIS SWIFTRANGE DEVICE which will accurately measure ranges out to 1,000 metres with an accuracy of + or – 1 metre. The SwiftRange, contains a Wireless module capable of connection to an external smartphone. With this feature enabled the free to download SwiftRange app* can be used to instantly calculate points of impacts, hold-over, even windage.

The Rangefinder emits invisible, eye safe; infrared energy pulses calculating the distance by measuring the time it takes for each pulse to travel from the Rangefinder to the target and back.

The maximum distance for highly reflective objects (such as a white house) is 1300 yards/1200 meters and a field target can reach 400 yards/370 meters.

**Find the SwiftRange App on the Google Play or Apple App Store.*



ANDROID APP ON

Google play



Download on the
App Store

SPECIFICATION

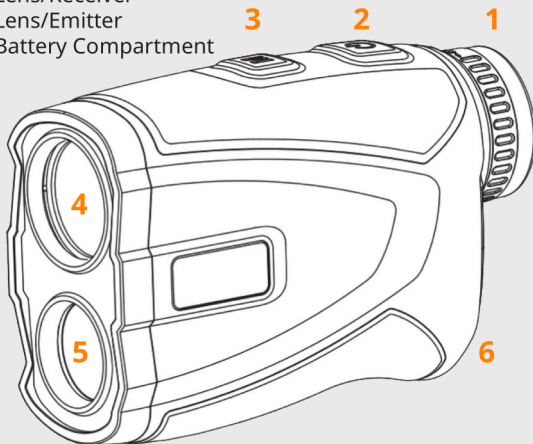
Measurement Range:	1200m/1300yd
Accuracy:	±1
Minimum Range, m:	5
Magnification, X:	6
Lens Diameter, mm:	24
Field of view, degree:	7.5
Eye Relief, mm:	18.4
Exit-Pupil, mm:	4
Eyepiece Adjustment, Diopter:	±5
Battery life:	5000 activations
Water resistance:	IPX4 (splashproof)
Power Supply/Battery:	CR2/3V Lithium
Laser Wavelength, nm:	905
Laser standards:	Class 1 eye safety
Operating Temperature:	-10...+50
Storage Temperature:	-20...+60
Auto Power OFF:	After 10 seconds or 10-40 minutes with app
Dimensions, mm/inch:	105x72x38 / 4.1x2.8x1.5
Weight (with battery):	178g / 6.2oz

PACKAGE CONTAINS

- SwiftRange Rangefinder
- Carrying case & carabiner
- Wrist strap
- Clean cloth
- Micro USB cable
- User manual

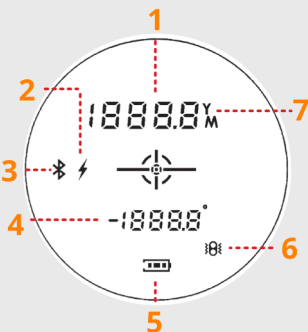
OPERATION

- 1: Eyepiece
- 2: 'POWER/FIRE' Switch
- 3: 'Mode' Switch
- 4: Lens/Receiver
- 5: Lens/Emitter
- 6: Battery Compartment



'MAIN' RANGE

1. Direct Distance
2. Laser indicator
3. Wireless connection
4. Angle Measure/point of aim data
5. Low battery indicator
6. Feedback buzzer
7. Metres/Yards



USING THE RANGEFINDER

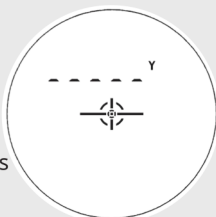
Before using the Rangefinder please make sure the CR2 battery is inserted.

The SwiftRange rangefinder

Measures distance and angle, and this data displayed on the Rangefinders' LCD screen. When connected, this information is also sent to the smartphone app, which instantly returns the point of aim (POA) data. This POA data is then displayed instead of angle data.

Power on

Press the 'Power' (2) button once to switch the unit on if it is off or on standby (no display) then press to FIRE the laser to get the range. The ⚡ will flash meaning the laser is working and measuring correctly.

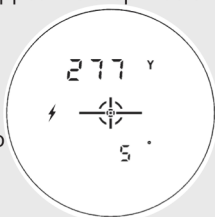


Switching measuring unit (Y or M) & Vibration feedback On or Off

To switch depress the 'Mode' button for approximately two seconds. The first screen will appear as Step 1 below.

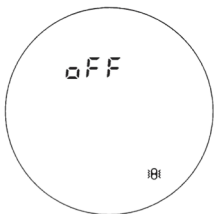
STEP 1

Choose Y or M by pushing the 'Power' button and confirm by the 'Mode' button and then continue to Step 2 overleaf.



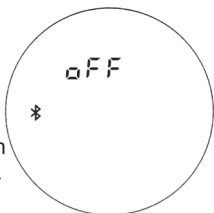
STEP 2

To choose from the different reticules, push the 'Power' button and confirm by the 'Mode' button and continue to Step 3 below.



STEP 3

To switch the Feedback buzzer function Off or On, push the 'Power' button and confirm by the 'Mode' button and then continue to Step 4.



STEP 4

To switch the Wireless function Off or On, push the 'Power' button and confirm by the 'Mode' button.

NOTE:

- When the battery symbol  is displayed you will need to replace the battery.

CAUTION!

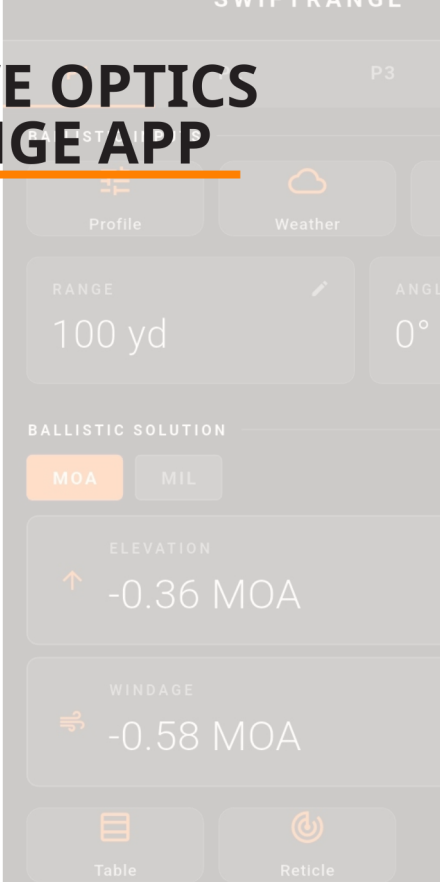
- Use a soft cloth to clean the housing, do not use an abrasive cloth or any chemical cleaning solutions.
- Keep the unit away from fire.
- Keep the unit away from dust, direct sunlight or rapid temperature changes.
- * Do not use the unit to view the sun directly. This may cause permanent eye damage.

IMMERSIVE OPTICS SWIFTRANGE APP

Download for free the Immersive Optics SwiftRange app FREE on the Google Play Store, or the Apple App Store.

After downloading, the app can be paired via Wireless with the SwiftRange Rangefinder.

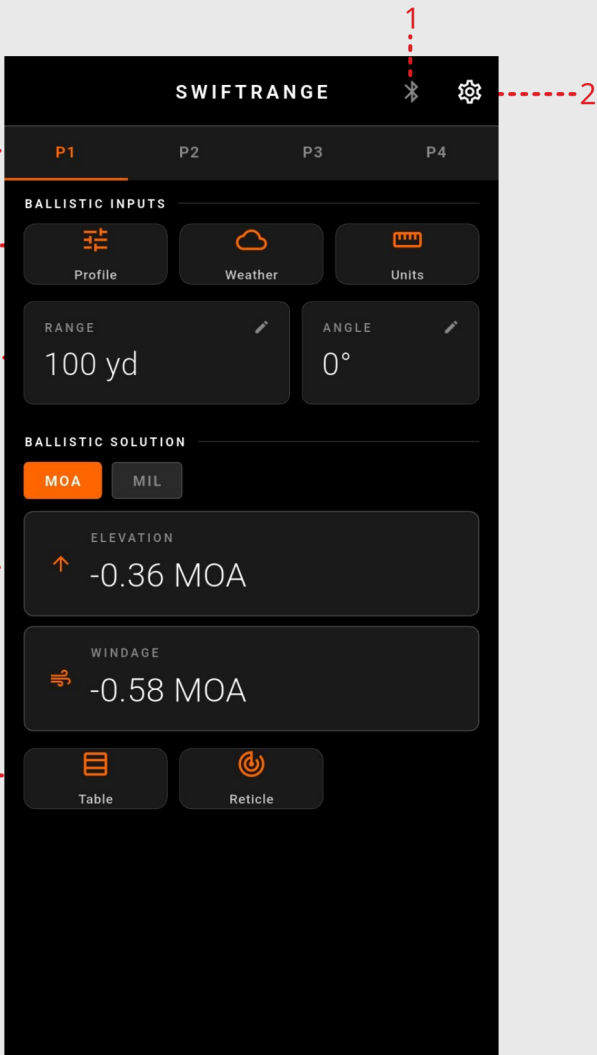
Note that the required software version is Android v6.0 or later or IOS 9 or later.



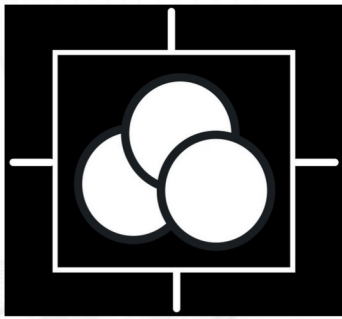
ANDROID APP ON
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1. Wireless connection interface. For connecting the rangefinder to the app.
2. General settings. Allows the user to alter the timeout for the rangefinder and to toggle voice callouts.
3. Profile selector. Switch between four profiles, the settings are saved to each profile.
4. Ballistic input buttons. The first button 'Profile' allows the user to set bullet type, rifle configuration and the weather conditions during zeroing. The second button 'Weather' allows the user to set the current weather conditions, this can be done manually or with the 'Fetch Live Weather' button which reads the current conditions from the internet. The third button 'Units' allows the user to set the units that are used and displayed in the app.
5. Range and angle input buttons. These values are passed to the ballistic calculator, these can be set manually or, if connected to the rangefinder, these values are updated automatically when taking a reading with the rangefinder.
6. Ballistic Solution Area. Displays the ballistic solution calculated using the user inputs above, the correction can be displayed in MOA or MIL.
7. Table and Reticle Buttons. The table button shows the ballistic solution over multiple distances. The reticle button shows where the ballistic solution is displayed on a real reticle.



WARRANTY/REPAIR TWO or FIVE YEAR LIMITED WARRANTY

Your product is warranted to be free of defects in materials and workmanship for one year after the date of purchase. To extend the warranty to five years, you must register your device within 30 days of purchase. Under this warranty we will, at our option, repair or replace the product, free of cost except for the return shipping cost, this warranty does not cover damages caused by misuse, improper handling, installation, or maintenance provided by someone others.

WARRANTY REGISTRATION

Visit www.immersive-scopes.co.uk/warranty

TROUBLE SHOOTING

If unit does not turn on or there is no LCD display visible:-

- Check the battery polarity (+ to cover)
or replace with a new battery
- Depress power button

If this does not resolve the problem, contact your local distributor.

*This product complies with FDA performance standards
for laser products.*