



# COOLSHOT

*The Golfer's Laser Rangefinders*



# GAIN CONFIDENCE

Master distance and develop a golfing sense with COOLSHOT.

By knowing your distance and the true shot distance, you can confidently choose the right club.  
COOLSHOT is built for golfers. If strategic golf is your game, play with confidence —  
play with COOLSHOT.



*Gain confidence by  
knowing true shot distance.*

*Break down the barriers to a better score.*

*Image STABILIZED. Easy, fast measurement.*

*All you need and more is here.*

*COOLSHOT PRO STABILIZED.*

— *Image STABILIZED*

— *Small and lightweight. Quick rangefinding.*

— *High-visibility red OLED display*

**COOLSHOT PRO  
STABILIZED**





## *Play more aggressive with COOLSHOT PRO STABILIZED.*

The wind, lie and the course itself can fool the eye. Golf is a sport of variables. The one certain thing is the distance to your target. Once you are sure of the distance, you can play with confidence.

COOLSHOT PRO  
STABILIZED



## *Nikon's fastest ever measuring speed.\**

[HYPER READ – approx. 0.3 seconds]

\* As of May, 2018. Among Nikon's portable Laser Rangefinders employing HYPER READ.



## *High-visibility red OLED display*

135.0 YD

## *Image STABILIZED*

[STABILIZED Technology]



## *Green circle sign clearly indicates the distance to the flagstick.*

[New LOCKED ON Technology]



## *Accurate distance reading. Always make the right club selection.*



## *Focus on the shot.*

Once you know how far you should hit the ball and what club to use, just focus on your shot.



# COOLSHOT PRO STABILIZED

Compact and lightweight, with speed and high visibility.  
Breakthrough image-stabilized laser rangefinder  
featuring slope adjusted measurement.



Image **STABILIZED** /  
High-visibility red **OLED** display



**Nikon's fastest ever**\*1  
[HYPER READ – approx. 0.3 seconds]



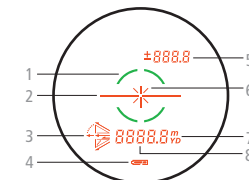
**STABILIZED** **LOCKED ON** **ID**  
TECHNOLOGY

## Slope adjusted measurement

- Measurement range: 7.5-1,090 m/8-1,200 yd. \*2
- STABILIZED Technology\*3 which reduces vibrations of the image in the viewfinder caused by hand movement by approx. 80%
- High-visibility red OLED display with automatic brightness adjustment function
- Quick and stable measurement response regardless of distance — HYPER READ is much evolved and displays the measurement result in approx. 0.3 seconds.
- LOCKED ON Technology\*4 displays a green circle sign that indicates the distance to the flagstick has been measured.
- ID Technology displays the slope adjusted distance (Horizontal distance ± Height) which is a guide to how far you should hit the ball and useful when golfing on an uphill/downhill course.
- Actual Distance Indicator blinks to indicate that the Incline/Decline measurement function (ID Technology) is not in use.
- First Target Priority algorithm is employed. When measuring overlapping subjects, the distance of the closest subject is displayed – useful for measuring the distance to a flagstick on a green with woods in the background.
- Single or continuous measurement (up to 8 seconds)
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large ocular for easy viewing
- Long eye relief design affords eyeglass wearers easy viewing
- Compact and lightweight. Ergonomic design for comfortable holding.
- Waterproof (up to 1m/3.3ft. for 10 minutes) and fogproof; battery chamber is rainproof\*5

## Internal display

- |  |   |
|--|---|
| 1 LOCKED ON sign                           | 5 Height (Actual distance at Golf mode setting) |
| 2 First Target Priority detection sign (⊙) | 6 Laser irradiation mark (×)                    |
| 3 Target mark (⊕)                          | 7 Unit of measure (m/yd.)                       |
| 4 Measurement display mode                 | 8 Distance                                      |
| 5 Battery condition                        |   |



Be certain with the green circle:  
New **LOCKED ON** Technology



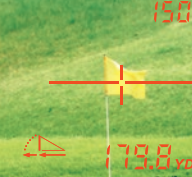
Small, lightweight



Actual Distance Indicator



ID (Incline/Decline)  
Technology



\*1 As of May, 2018. Among Nikon's portable Laser Rangefinders employing HYPER READ. \*2 The specifications of the product may not be achieved depending on the target object's shape, surface texture and nature, and/or weather conditions. \*3 Vibrations of the image in the viewfinder caused by hand movement (sinusoidal waves) are reduced to approx. 1/5 or less (Based on Nikon's measurement standards). \*4 Single measurement: When measuring overlapping subjects and the distance to the closest subject is displayed, the LOCKED ON sign (⊙) appears. Continuous measurement: When displayed figures shift to a closer subject, the LOCKED ON sign (⊙) appears. \*5 Rangefinders may not be able to make a measurement due to raindrop interference.

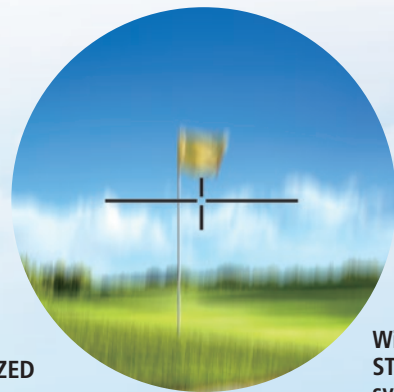


## ■ STABILIZED TECHNOLOGY

**Targeting stability. Easy and fast measurement to the flagstick.**



With  
STABILIZED  
system

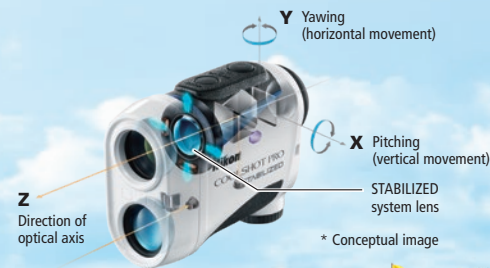


Without  
STABILIZED  
system

**STABILIZED Technology that reduces vibration caused by hand movement by approx. 80%**

Vibrations of the image in the viewfinder caused by hand movement are reduced, and at that same time, the irradiated laser is also aligned. You can acquire a small subject such as a flagstick faster, and direct the laser onto the target more easily. This is achieved by Nikon's original technologies that are a fusion of vibration reduction and high-performance measurement function.

\* The effect of STABILIZED: Vibrations of the image in the viewfinder caused by hand movement (sinusoidal waves) are reduced to approx. 1/5 or less (Based on Nikon's measurement standards). \* Employed model: COOLSHOT PRO STABILIZED



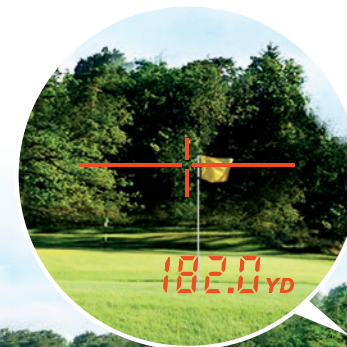
## STABILIZED

## ■ NEW LOCKED ON TECHNOLOGY

**A new, easy way to indicate that the distance to the flagstick has been measured.**

**Measuring to trees in the background:**

The LOCKED ON sign (⊙) does not appear.



**Measuring to the flagstick:**

When displaying the distance to the closest subject, the flagstick, the LOCKED ON sign (⊙) is lit.

**Provides clear indication that the distance to the flagstick has been measured.**

Picture the scene of an approach shot to a green with trees in the background, where you are not sure whether the measured distance is to the flagstick or to the trees behind it. The LOCKED ON Technology displays the distance to the closest subject, the flagstick. At the same time, the LOCKED ON sign (⊙) in the viewfinder is lit to inform you. It is clearly visible that the distance to the flagstick has been measured even with trees in the background.

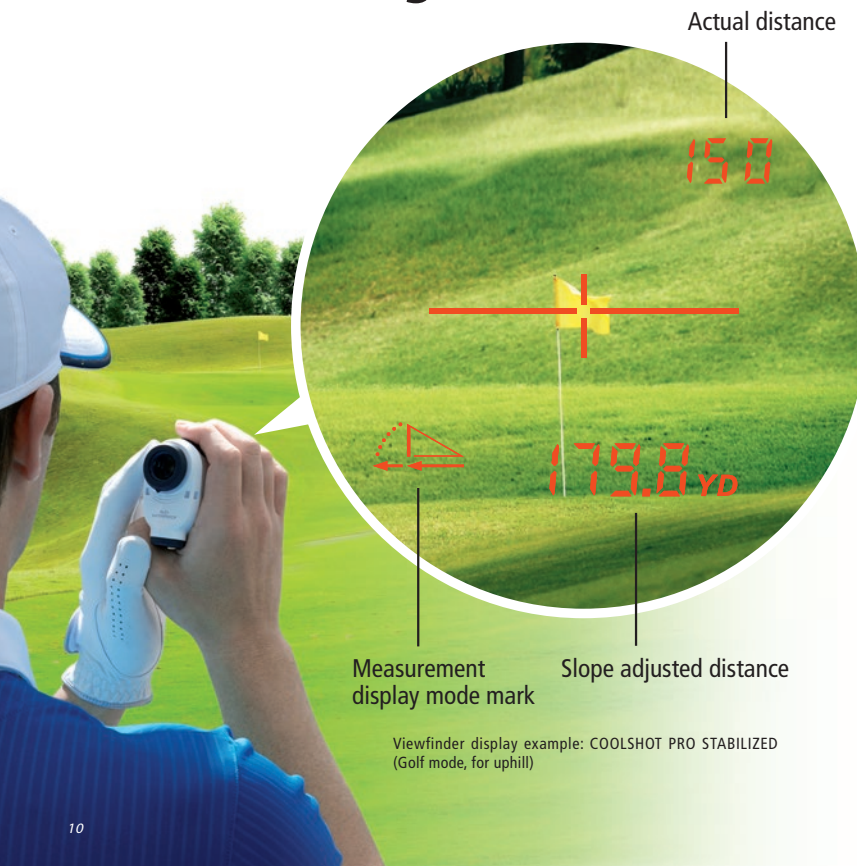
\* Single measurement: When measuring overlapping subjects and the distance to the closest subject is displayed, the LOCKED ON sign (⊙) appears. Continuous measurement: When displayed figures shift to a closer subject, the LOCKED ON sign (⊙) appears. \* Employed model: COOLSHOT PRO STABILIZED





## ■ ID TECHNOLOGY

**Knowing the slope adjusted distance helps you choose the right club.**



Measurement display mode mark

Slope adjusted distance

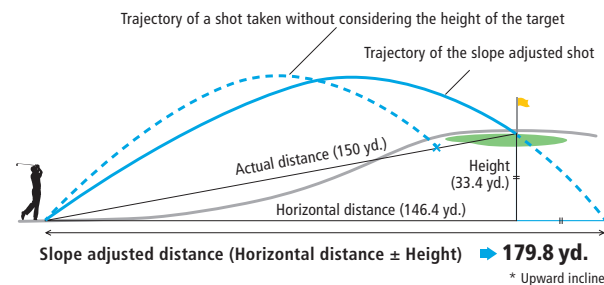
Viewfinder display example: COOLSHOT PRO STABILIZED (Golf mode, for uphill)

Actual distance

**Displays a guide distance to how far you should hit the ball, reading the uphill and downhill slopes of a course.**

Employing ID Technology that reads the uphill and downhill slopes of a course, Golf mode displays the slope adjusted distance (Horizontal distance  $\pm$  Height) which is a guide distance to how far you should hit the ball. This helps you to choose the right club on an uphill/downhill course where it is often difficult to accurately judge distance.

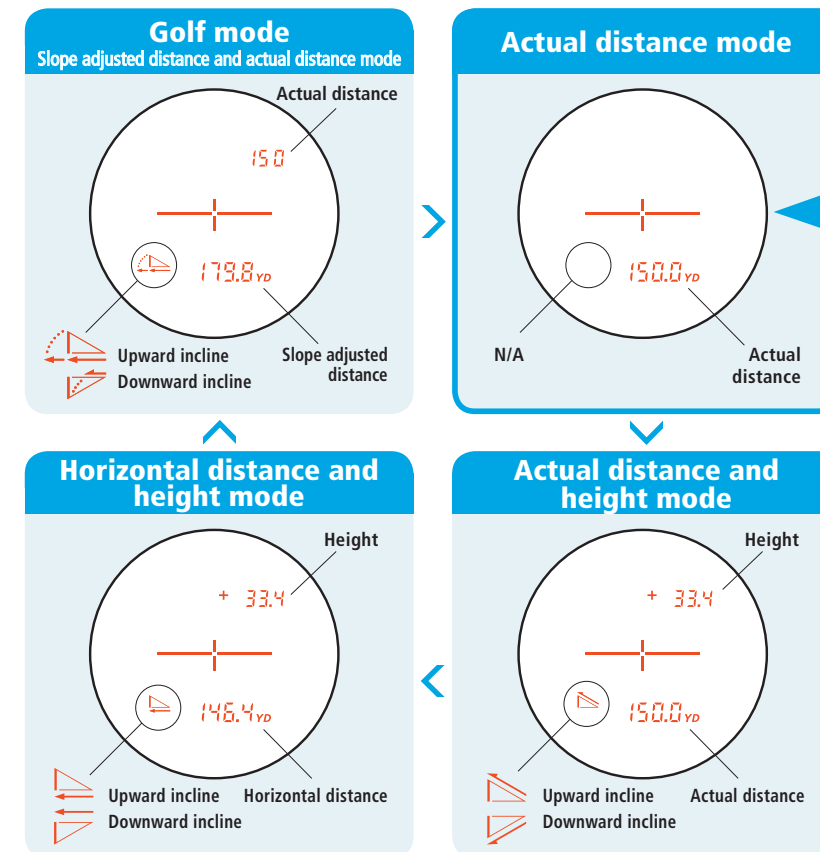
\* Employed model: COOLSHOT PRO STABILIZED / COOLSHOT 40i



For an uphill shot with an actual distance of 150 yards, the Golf mode displays the slope adjusted distance (179.8 yd.), which is the sum of the horizontal distance (146.4 yd.) and the height (33.4 yd.). You can thus select the right club for even both up and down hill shots.



## Measurement display mode cycle



\* For COOLSHOT 40i, the order of the measurement display mode cycle is Actual distance and height mode, Horizontal distance and height mode, Golf mode, then Actual distance mode.



**Actual Distance Indicator blinks to signal that the Incline/Decline measurement function (ID Technology) is not in use.**

Green LED lamp blinks to indicate that actual distance mode is being used for measuring, as long as the power is on. Non-use of the Incline/Decline measurement function (ID Technology) can be clearly confirmed by observers. This indicator can be switched off.

**!** Make sure to check the local rules in advance when using a COOLSHOT in an official competition.



# COOLSHOT 40i

**Fast and Accurate.**  
**Measures slope adjusted distance.**

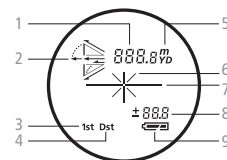
## Slope adjusted measurement



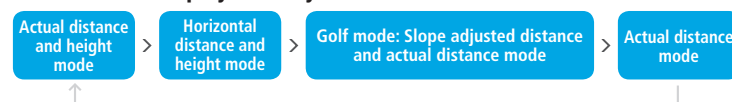
- Measurement range: 7.5-590 m/8-650 yd.\*<sup>1</sup>
- ID Technology displays the slope adjusted distance (Horizontal distance  $\pm$  Height) which is a guide to how far you should hit the ball and useful when golfing on an uphill/downhill course.
- First Target Priority mode is employed. When measuring overlapping subjects, the distance of the closest subject is displayed – useful when measuring the distance to a flagstick on a green with woods in the background.
- Target Priority Switch System offers two measurement modes: First Target Priority mode and Distant Target Priority mode\*<sup>2</sup>
- Single or continuous measurement (up to 8 seconds)
- HYPER READ enables quick and stable measurement response regardless of distance
- Measurement result is displayed in approx. 0.5 seconds
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large ocular for easy viewing
- Long eye relief design affords eyeglass wearers easy viewing
- Rainproof\*<sup>3</sup> – JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions)
- Compact, lightweight and ergonomic design

## Internal display

- |                                |   |
|--------------------------------|---|
| 1 Distance                     | 6 Laser irradiation mark (X)                    |
| 2 Measurement display mode     | 7 Target mark (—+—)                             |
| 3 First Target Priority mode   | 8 Height (Actual distance at Golf mode setting) |
| 4 Distant Target Priority mode | 9 Battery condition                             |
| 5 Unit of measure (m/yd.)      |   |



## Measurement display mode cycle



# COOLSHOT 40

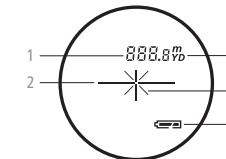
**Fast and Accurate.**

## Actual distance measurement

- Measurement range: 7.5-590 m/8-650 yd.\*<sup>1</sup>
- First Target Priority mode is employed. When measuring overlapping subjects, the distance of the closest subject is displayed – useful for measuring the distance to a flagstick on a green with woods in the background.
- A single press of the POWER ON/Measurement button provides 8-second continuous measurement, which enables measurement even with slight hand movement.
- HYPER READ enables quick and stable measurement response regardless of distance
- Measurement result is displayed in approx. 0.5 seconds
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large ocular for easy viewing
- Long eye relief design affords eyeglass wearers easy viewing
- Rainproof\*<sup>3</sup> – JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions)
- Compact, lightweight and ergonomic design

## Internal display

- |                              |   |
|------------------------------|---|
| 1 Distance                   | 6 Laser irradiation mark (X)                    |
| 2 Target mark (—+—)          | 7 Target mark (—+—)                             |
| 3 Unit of measure (m/yd.)    | 8 Height (Actual distance at Golf mode setting) |
| 4 Laser irradiation mark (X) | 9 Battery condition                             |
| 5 Battery condition          |   |



\*1 The specifications of the product may not be achieved depending on the target object's shape, surface texture and nature, and/or weather conditions. \*2 [First Target Priority mode/Distant Target Priority mode] When measuring overlapping subjects, First Target Priority mode provides the distance to the nearest target, while Distant Target Priority mode provides measurement for the furthest. \*3 Rangefinders may not be able to make a measurement due to raindrop interference.



# COOLSHOT 20 GII

The pocket-sized,  
compact and light model.

NEW

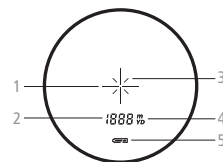
## Actual distance measurement

- Measurement range: 5-730m/6-800yd.\*1
- First Target Priority mode is employed. When measuring overlapping subjects, the distance of the closest subject is displayed – useful for measuring the distance to a flagstick on a green with woods in the background.
- Single or continuous measurement (up to 8 seconds). If single measurement fails, it automatically extends the measurement until succeeding for up to 4 seconds. Keeping the button depressed enables continuous measurement for up to approx. 8 seconds.
- High-quality 6x monocular with multilayer coating for bright, clear images
- Long eye relief design affords eyeglass wearers easy viewing
- Rainproof\*2 – JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions)
- Compact, lightweight (approx. 130g) body



### Internal display

- 1 Target mark (✚)
- 2 Distance
- 3 Laser irradiation mark (∠∠)
- 4 Unit of measure (m/yd.)
- 5 Battery condition

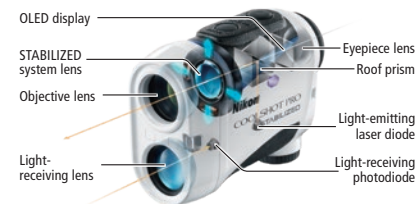


\*1 The specifications of the product may not be achieved depending on the target object's shape, surface texture and nature, and/or weather conditions. \*2 Rangefinders may not be able to make a measurement due to raindrop interference.

# MEASUREMENT TECHNOLOGY FOR GOLFERS

## Nikon's system design: Minimised measurement errors

The Nikon Laser Rangefinder's system design meets the exacting requirements of professional golfers. Nikon engineers determined the system design through repeated simulations that enable invisible laser rays to be precisely picked up by a sensing unit. High-quality integrated circuits and sophisticated software not only provide outstanding measurement performance, but also quick response.



\* Image of COOLSHOT PRO STABILIZED

## HYPER READ: Quick, consistent measurement response

Nikon's original data processing algorithm, "HYPER READ", displays the distance measurement result with a fast and stable response, regardless of the distance to the target. This enables you to focus on your game with stress-free measurement.

\* Employed models: COOLSHOT PRO STABILIZED / COOLSHOT 40i / COOLSHOT 40

## First Target Priority algorithm: The distance to the closest subject is displayed

Laser beams are projected and reflected off objects. The First Target Priority algorithm displays the range to the nearest target among the multiple results obtained. You can then exactly measure the distance to the flagstick, instead of a background object. This is especially useful for approach shots.

## Continuous measurement: Easy to target a small object

Holding down the power button provides 8-second continuous measurement which minimises the effect of hand shake, enabling easy targeting of a faraway small object like a flagstick.

\* COOLSHOT 40 employs one-push continuous measurement. By just pressing the button once, you can perform 8-second continuous measurement.

## High-performance viewfinder: Easy viewing

A large ocular with long eye relief design provides a wide field of view and easy viewing. You can easily catch small targets such as flagsticks.



## Multilayer coating: Increased light transmission

Multilayer coating is applied to the lenses for a much brighter and clearer view. This increases light transmission and reduces flare and ghost due to light reflection. You can thus see just about all target objects on the course with clarity.

## Ergonomic body design: Easy operation and comfortable handling

The Nikon Laser Rangefinder's body is built compact, lightweight, and optimised for golfing. While maintaining excellent optical performance, COOLSHOT's easy-to-handle ergonomic body design provides comfortable and stress-free operation.

## All-weather waterproof/ fogproof body

The body is filled with nitrogen gas and sealed. The waterproof/fogproof body design means you can use COOLSHOT even in case of a sudden shower without worry. It also prevents the inside of the optical system from fogging or molding even under significant changes in temperature.

\* COOLSHOT PRO STABILIZED is waterproof and fogproof. COOLSHOT 40i / COOLSHOT 40 / COOLSHOT 20 GII has a rainproof body design.



# COURSE TRYOUT

Use the COOLSHOT to effectively measure distance to objects around the fairway and the green, as well as the distance to the exact point where you want the golf ball to land. By knowing the exact distance to your target, you can select the proper club. Of course, you should also consider the wind condition and lie to strategically attack the course.

\* Make sure to check the local rules in advance when using a COOLSHOT in an official competition.



## TEE SHOT

**Know the distance to target**



A dogleg corner can make estimating distance difficult. In this case, measure the distance to a tree in front of the corner and then the distance to the bunker to get the distance to the centre of the fairway. Now you can swing without hesitation.

## SECOND SHOT

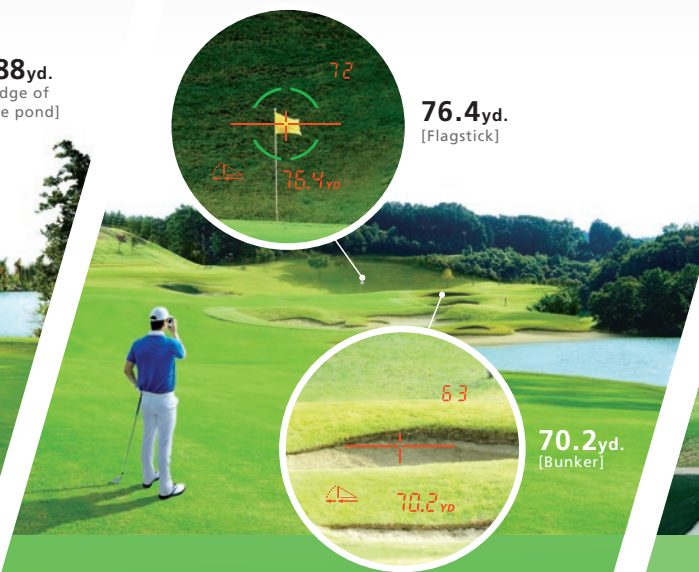
**Measure the slope adjusted distance to the hazards.**



With a bunker or pond in your path measure the slope adjusted distance to a target. A model with ID Technology displays a showing how far you should hit the ball downhill course. It helps you choose the play it safe and avoid hazards.

## APPROACH

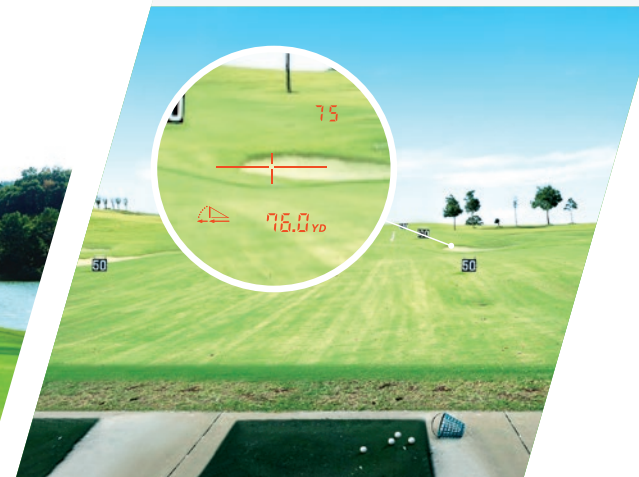
**Hit an accurate shot to reach the green**



When approaching the green, misreading the distance to the flagstick can seriously affect your score. A model equipped with the LOCKED ON Technology lets you know the distance to the flagstick has been measured where there are trees in the background. So you can take your shot with confidence.

## DRIVING RANGE





**Know the club distance for each of your clubs**



Use COOLSHOT on the driving range. Set your sight on a target and practice your shot. This will help you learn the shot distance for each of your clubs.

# COOLSHOT

## FUNCTION COMPARISON CHART

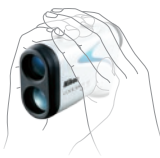
	 COOLSHOT PRO STABILIZED	 COOLSHOT 40 i	 COOLSHOT 40	 COOLSHOT 20 GII
Guide for maximum measurement distance to a flagstick*	<b>500yd.</b>	<b>450yd.</b>	<b>450yd.</b>	<b>300yd.</b>
STABILIZED Technology	✓	—	—	—
LOCKED ON (Green circle sign)	✓	—	—	—
Incline/Decline measurement (ID Technology)	✓	✓	—	—
Measurement response (HYPER READ)	<b>Approx. 0.3sec.</b>	<b>Approx. 0.5sec.</b>	<b>Approx. 0.5sec.</b>	—
Continuous measurement	<b>Long button press</b> Approx. 8 sec.	<b>Long button press</b> Approx. 8 sec.	<b>One-push</b> Approx. 8 sec.	<b>Long button press</b> Approx. 8 sec.
Waterproof	<b>Waterproof/Fogproof</b>	<b>Rainproof</b>	<b>Rainproof</b>	<b>Rainproof</b>

\*Under Nikon's measurement conditions and reference values.

## TIPS

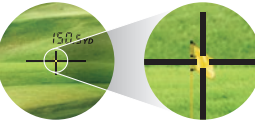
Measuring distance to the flagstick

01



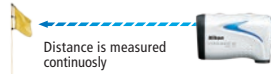
When targeting a distant small object like a flagstick, hold the rangefinder firmly in both hands to keep hand movement to a minimum.

02



To measure the distance to the flagstick successfully, target the flag, which is larger than the stick. Position the flag on the centre of the target mark (—+—) in the viewfinder. Note that when your target is off-centre from the target mark, the distance to the object cannot be measured.

03



Continuous measurement function minimises the influence of hand shake movement. During measurement, the measured distance is displayed consecutively. To obtain distance to the flagstick, keep targeting the flag on the centre of the target mark.

Specifications	COOLSHOT PRO STABILIZED	COOLSHOT 40i	COOLSHOT 40	COOLSHOT 20 GII
Measurement range	7.5-1,090m / 8-1,200yd.	7.5-590m / 8-650yd.		5-730m / 6-800yd.
Measurement accuracy*1 (actual distance)	±0.75m/yd. (shorter than 700m/yd.) ±1.25m/yd. (700m/yd. and over, shorter than 1,000m/yd.) ±1.75m/yd. (1,000m/yd. and over)	±0.75m/yd.		±1m/yd. (shorter than 100m/yd.) ±2m/yd. (100m/yd. and over)
Distance display: Increment	Actual distance (upper): every 1m/yd. Actual distance (lower): every 0.5m/yd. Horizontal distance/Slope adjusted distance (lower): every 0.2m/yd. Height (upper): every 0.2m/yd (shorter than 100m/yd.) every 1m/yd. (100m/yd. and over)	Actual distance (upper): every 0.5m/yd. Actual distance (lower): every 1m/yd. Horizontal distance/Slope adjusted distance (upper): every 0.2m/yd Height (lower): every 0.2m/yd (shorter than 100m/yd.) every 1m/yd. (100m/yd. and over)	Actual distance: every 0.5m/yd.	Actual distance: every 1m/yd.
Magnification ( x )	6	6		6
Effective objective diameter (mm)	21	21		20
Actual field of view ( ° )	7.5	7.5		6.0
Exit pupil (mm)	3.5	3.5		3.3
Eye relief (mm)	18.0	18.3		16.7
Dimensions (LxHxW) (mm/inch)	96×74×42 / 3.8×2.9×1.7	112×70×36 / 4.4×2.8×1.4		91×73×37 / 3.6×2.9×1.5
Weight (excluding battery) (g/oz.)	170 / 6.0	160 / 5.6		130 / 4.6
Power source	CR2 lithium battery x 1 (DC 3V) Auto power shutoff function equipped (after 8 sec.)			
Waterproof structure*2	Waterproof*3 (Battery chamber rainproof*4) / fogproof		Rainproof*4	
EMC	FCC Part15 SubPartB class B, EU:EMC directive, AS/NZS, VCCI classB, CU TR 020, ICES-003			
Safety	IEC60825-1: Class 1M/Laser Product    FDA/21 CFR Part 1040.10: Class I Laser Product			
Environment	RoHS, WEEE			

The specifications of these products may not be achieved depending on the target object's shape, surface texture and nature, and/or weather conditions.  
\*1 Under Nikon's measurement conditions. \*2 Rangefinders may not be able to make a measurement due to raindrop interference. \*3 Waterproof up to 1m/3.3 ft. for 10 minutes (but not for underwater usage). \*4 Rainproof – JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions). \*Note: The technology behind the Laser Rangefinder with inclinometer originated from technology incorporated in Nikon's Total Station DTM-1 surveying instrument. The Total Station DTM-1, first sold in 1985, was the first highly advanced electronic model of those surveying instruments that incorporated a distance and angle measuring capability developed by Nikon Corporation.





# COOLSHOT

*The Golfer's Laser Rangefinders*

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. The colour of products in this brochure may differ from the actual products due to the colour of the printing ink used.

March, 2019

©2019 NIKON VISION CO., LTD.



## WARNING

Never look at the sun directly through optical equipment. It may cause damage to or loss of eyesight.



### NIKON VISION CO., LTD.

Nikon Futaba Bldg., 3-25, Futaba 1-chome,  
Shinagawa-ku, Tokyo 142-0043, Japan  
Tel: +81-3-3788-7697 Fax: +81-3-3788-7698

[www.nikon.com/sportoptics](http://www.nikon.com/sportoptics)

En

Code No. 3CE-BPJH-10 (1903-00) V