

## BCA-01 Ballistic Computer

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BCA-01 is an autonomous ballistic computer designed for calculating corrections for the chosen type of weapon / ammunition, depending on the distance to the target and weather conditions. The device is equipped with a laser rangefinder, a weather station, a digital compass and an inclinometer. Special software that works on different platforms (OS Windows, Android, iOS) is used for device parameterization. The device is installed on the day sight in such a way that the display of ballistic computer is in sight of the operator. It allows to conveniently read corrections data and other measured parameters.

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## FEATURES

- ✓ Distance measurement.
- ✓ Temperature, humidity and pressure measurement.
- ✓ Measurement of angular direction.
- ✓ Drag functions support.
- ✓ Changing of adjustment conditions count.
- ✓ Bluetooth interface for device programming and connection of the external data sources: a weath station, an anemometer and a remote controller.
- ✓ Color AMOLED display.
- ✓ Laser target designator.
- ✓ Quick detached mount.



#### TECHNICAL CHARACTERISTICS

Max. measurable distance	2500 m
Drag functions	G1, G7, multi BC or user defined
Calculation time	200 msec
Unit of correction	MIL, MOA, cm/100m, inch/100y
Rangefinder LRF	1550 nm, max. 3000 m
Compass	± 0.25°
<b>BUILT-IN WEATHER STATION</b>	
Pressure measurement range	300...1100 hPa
Temperature measurement range	-40°C ÷ +85°C
Humidity measurement range	0...100% rel. humidity
Display	AMOLED, 96x96
Interfaces	USB, BLUETOOTH LE
Power supply source	2 CR-123A batteries
Operating time	8-10 h
Starting time	3 sec
Temperature range	-30°C ÷ +55°C
Pressure range	300 ÷ 100 hPa
Angular direction range	angle of sight: ± 80° incidence angle: ± 90°
Dimensions (L x W x H)	105 x 94 x 64 mm
Weight	0.45 kg
Protection class	IP67